

# THE AMERICAN NATURALIST.

*A Popular Illustrated Magazine of Natural History and Travel.*

Letters on business connected with THE AMERICAN NATURALIST should be addressed to the Publishers,  
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Terms of NATURALIST, }  
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EDITORIAL OFFICE OF THE AMERICAN NATURALIST,

SALEM, MASS., *March 19* 1878

Dear Sir:

I am desirous of getting occasional notes from our botanists for the Naturalist and would like to have an occasional fern-note from you. Could you not kindly agree to send me <sup>few</sup> notes? I can only offer as a return a copy of the Naturalist for the current year. If you could send me three or four pages in all, only, for one year, it would be useful.

Yours very truly,  
A. S. Packard Jr.

EDITED BY  
DR A. S. PACKARD, JR.  
AND  
PROF. E. D. COPE.

ASSOCIATE  
EDITORS

{ PROF. C. E. BESSEY, DEPARTMENT OF BOTANY.  
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ELLIS H. YARNALL, Esq., DEP. OF GEOGRAPHY AND TRAVELS.

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PROVIDENCE, R. I., Jan. 24 1882

Dear Mr. Davenport.

We shall much like your paper on Cheilanthes, and will give you any necessary wood cuts. Please send it soon - if you desire it for April Nat.<sup>t</sup> \$50 for that plate of Dr. Allen (per 1000) is a tremendous price, it seems to me - I don't see how we can afford it - if he is to print it in a book afterwards - but I will see what can be done.

I sent your paper on 'Internal Visual Phenomena' to Prof. Cope - as I didn't know exactly whether it would be sufficiently in our line to be available - I have written him again in regard to it.

Smith I know Mr. Leander Stone's address. I do not find it in the Nat. Directory -

Yours very truly,  
A. S. Packard, Jr.

1

St. George Utah

Jan. 4<sup>th</sup> 1876

Gen. E. Savenport.

Dear Sir.

Your letter of the 22<sup>nd</sup> inst.  
just rec'd, & contents noted. In  
reply would say that the two  
Votholena's you want, Parrisi  
& Tenera, are both collected by  
me in considerable numbers.  
They were somewhat shrivelled  
up, owing to the dryness of  
the season. A few hours previous  
to the arrival of your letter, all  
my collections were forwarded to  
Prof. Gray.

In the collection  
made by me in Southern  
California, is several species  
of ferns. You may consult

Prof Gray; whatever arrangements you make with him for specimens of ferns will be satisfactory to me.

I shall leave this place in a day or two, for San Bernardino. Should I find any of the ferns you desire it will give me pleasure to communicate with you <sup>regarding</sup> ~~the~~ the same.

Yrs Very Truly  
Edward Palmer



Guaymas Mexico Aug 26-1887

George D. Davenport Esq.

Dear Sir

Your card of May 17 was forwarded to me at this place.

Many thanks for the Photographs you kindly sent me I shall see them on my return to Washington. I have no ferns of any kind on hand, but be assured you will get a set of all I find in Mexico now. So far my collecting here has been confined to a few cultivated gardens artificially watered as vegetation has been all dried up on the entire country for near three years as only a few slight showers of rain have fallen during that time. A change is now being effected by the two good showers of rain which have fallen during the past ten days

so I may soon expect to go to the mountains after ferns

This is a very trying country to collect in so hot you must sleep out of the house And by day you must have all doors and windows open owing to the great heat so in changing driers the wind often play me such tricks to exclude it is to suffocate As the rains have fallen so late it is probable my collecting wil not be concluded before mid winter or spring, at all events you wil hear from me on my return to Washington

Yours truly  
Edward Palmer

Washington Mar 2<sup>nd</sup> 1888

George. E. Davenport  
Dear Sir

I returned from Mexico  
beginning of February but finding Washing-  
ton so cold went to Florida and on  
getting back found so many things aw-  
aiting my attention Among them the  
package of pictures you kindly  
sent me. I have a small set of last  
years (Guadalajara) plants unsold  
this I have opened taken out the  
ferns and sent to you, if you have  
them and ~~do~~ not care for more of the  
same send them to Pringle as I  
have sent him the set of plants from  
which these were taken, My this  
years <sup>collection</sup> set of plants has come to hand  
and will soon sort a set for Watson to  
determine Then they will be put into sets

And in due time you shall have  
a specimen of all the ferns they  
only amount to six species this  
year as the country is so barren and  
dry

Could you forward me copies of the  
following Photographs and let me know  
the price

- x Crossing the mesa
- x Left on the Desert.  
Mesquite forest
- x Scene in the Santa Catalinas  
View of the Desert
- x Scene in the Santa Pitas.

Have you any Western or Mexican  
views not enumerated in the card you  
sent me

Yours truly  
Edward Palmer

Washington Ap 17. 1888

5014

Geo. E. Davenport Esq  
Dear Sir

You are very welcome  
to both lots of ferns sent you, hope  
your eyes will improve so you can  
prosecute your researches among the  
Ferns. You make the following statement

I am especially interested in the ferns  
from Lost Angeles Bay as I find herein Eaton  
Notha California apparently recognised  
by him as *N. cretacea* Lieb and right.

The express words used by Eaton are as  
follows. *Notholaëna cretacea* Liebmann  
*N. kalifornica* D. G. Eaton.

In looking over your list of Arizona  
and Mexican Photographs printed on  
a card which you sent me with  
some pictures last summer, ten in  
number Could you send me the follo  
owing selected from the list on the card  
Agave Palmeri. Quercus Emoryi  
Dasylirion Wheeleri. Crossing the mesa



Left on the Desert. Mesquite Forest  
Scene in the Santa Catalinas and the  
View of the Desert

If you have any other views not  
mentioned on that card Arizona, Mex-  
ican, or Western please let me know

Last Summer you sent me  
*Cereus Pringlei* & *Giganteus* & *C. Thurberi*.  
*Yucca Baccata*. *Opuntia Whipplei*  
*O. Angustata*. *Opuntia fulgens*.  
*Echinocactus Emoryi*. & *Wislizeni*  
*Pinus Arizona*.

Please address me care of  
Dr. George Vasey Department of  
Agriculture Washington D. C.

Yours very truly  
Edward Palmer

Washington City D.C.

Feb 7 - 1900

Prof George E. Davenport

My Dear Sir

Some months since in putting  
the plants of my last Collection (1898) into  
sets - a package of Ferns was made up  
for you - it was not the intention for the  
Ferns to be returned only a list of the names  
with the numbers attached there to

If the package was received by you would  
you forward the names as soon as you can  
the plants was collected about Saltillo  
and San Luis Potosi Mexico mainly

Yours Sincerely

Edward Palmer

Care of Dr. J. H. Rose

Department of Agriculture

GD 1.60

1891

1891



Collected about Guaymas in the  
State of Sonora Mexico

226 Fern Shady rocky ledges ~~and~~  
*Pellaea Seemanni* Hook.  
under bushes seen only in three  
places in the mountains, September - 1887

225 Fern rocky ledges among bushes  
*Cheilanthes Pringlei* Sav.  
in mountains October - 1887

226 Among stones somewhat shaded  
*Notholaena Lemmonii* Eaton  
by large bushes in higher mountains  
October - 1887

none of the above ferns are at all  
plentiful in fact it requires a  
good deal of hunting to find what  
I collected - Domestic animals  
especially goats & sheep destroy  
so much

Los Angeles Bay Lower California  
200 miles North West from Guaymas  
November 20 to 30<sup>th</sup> 1887

552 Fern found growing among and on  
*Notholaena crinita* Liebm.  
the rocks on not very shady mountain  
sides - by no means common

553 note of 552 apply to this plant also  
*Cheilanthes macrophylla* Sav.

554 Fern A scarce plant grows  
under shelter of large rocks.  
*Pellaea Wrightiana* Hook.

Prof. D. C. Eaton has  
determined my last year's ferns  
and I send you numbered specim-  
ens of all corresponding to this  
list - When you have the  
Photographs ready send them  
care of Dr. George Vasey, Depart-  
ment of Agriculture, Washington D.C.

commence to put  
plants in sets, so don't  
forget the ferns. Now - hope  
by the beginning of May to  
start the sets.

Yours truly,  
Edward Palmer  
Care of  
Dr. George H. Rose,  
Department of Agriculture  
Washington  
D. C.

send you by this mail a package con-  
taining <sup>a few</sup> for the most part, very imperfect  
specimens, rather with the hope that  
you will kindly correct or confirm  
my nomenclature, than with the ex-  
pectation that they will be of any value  
to you. Of the two forms of *A. emargin-*  
*-atum* enclosed, the one marked "B"  
is most common, a few forms of form "A"  
are sometimes found growing with "B"  
but in the place where these specimens of  
"A" were gathered the whole bed, quite a  
large one, <sup>was</sup> of the "A" form. Both  
are from localities on Lytle Creek,  
about half-a-mile apart. There are  
three or four small forms, the names of  
which I do not know, which I should  
like to forward to you sometime  
for identification.

*Cheilanthes viscida* I do not  
know, but suspect it to be a fern I  
have heard of as "growing only in  
<sup>White</sup> Sweetwater Cañon", a stream flowing  
from the east side of San Bernardino

San Bernardino, Cal  
9 June 1899

Dear Sir:-

The copy of your Catalogue,  
kindly forwarded, arrived a few  
days ago, and affords me great  
satisfaction. It seems to me very  
valuable. Permit me to note two  
typographical errors in names of  
places in this vicinity: p. 13, 14, for  
Cajon Pass read Cajon; p. 12 for  
Agua Caliente read Agua.

I enclose, with thanks, the price in  
stamps.

In answering your postal card I  
must premise by saying that my  
scientific knowledge of ferns is very  
limited; the little I know about them  
has been gathered by visiting them



in their homes, and is confined to those of this vicinity.

The most widely distributed of our ferns are Polypodium Californicum, Pellaea andromedaefolia, and Gymnogramme triangularis. Of the last I have seen here only the yellow form, but the white occurs in San Diego. These three ferns seem to be able to adapt themselves to the greatest varieties of circumstances and may be found almost anywhere in our hills. A little less ~~was~~ commonly seen, but to be found in most places suited to their natures, we have Woodwardia radicans var. Americana, Aspidium minutum, Alpidium v. argutum, Pteris aquilina v. laqueosa, and, I think, another variety <sup>of P. aquilina</sup>. Our other ferns, in common with the species of other orders of plants, are very

much localized. Hills and cañons with abundant in species which <sup>affinity, ques</sup> ~~in, others~~ of like exposure, geological conditions, altitude &c., are rare or absent. A little hill, Slover Mt, which a man can go all over in four hours, affords two species which I have not seen elsewhere; Polystachya Hookeri (?) and another, the name of which I do not know, perhaps a Cheilanthes. Elsewhere we have S. Newberryi, ~~and~~ Pellaea Bristeri, and another sp. of Pellaea, perhaps Wrightiana. In the cañon of Little Creek Cheilanthes Wend-  
leri, Cystopteris fragilis, and a ~~variety~~ <sup>species</sup> of Adiantum, with a beautiful palmated form found on a slope 12-18 in. high, are abundant, but very rare elsewhere. Besides these we have Adiantum emarginatum (Chelms).

I regret that I have no good duplicates by me, but I have ventured to

Wt, and so ~~is~~ agreeing with the  
locality given in your catalogue.  
I intend to visit it, perhaps this  
summer

It will afford me pleasure  
to collect and forward to you  
specimens of such of our ferns  
as you may desire. It is rather  
late now to get good specimens  
of the "dry" kinds, as most of them  
get well shrivelled in the summer,  
but by next spring I could procure  
you good specimens of most sorts -

Should be pleased to exchange  
with you, especially if you have to  
spare any of the "drought-resisting"  
species of the South West, as it would  
not surprise me to meet with  
some of them here. It is not often  
that one explores a new canon in  
this country without finding  
some novelty of the floral  
kingdom to reward him - We  
have a few scattering ~~same~~ specimens

of several Arizona and New Mexico  
plants, e.g. the Mesquite tree, which  
is less rare and small -

Respectfully Yours

Samuel B. Parish.

P.O. Box 444 -

San Bernardino, Cal-  
27 Oct. 1879-

My dear Sir:-

Your favor of the 6th reached me some days ago, but I have not before had time to thank you for it until today. I am somewhat

mixed in my Aspidium - rigidum, and munitum, and so in order to make sure whether it was inadvertance or ignorance in marking my other ~~saraplex~~ specimens I send you a frond of Aspid. munitum

I am sorry my fern No. 2, which you think perhaps Aspid. munitum var. imbricans was so imperfect. It and the Polypodium were procured on a horse back ride through the mountains, & with nothing but a newspaper

to wrap them in. I got all  
there were <sup>a few only</sup> in that spot of both,  
but did not make a search  
in the neighborhood. It is 75  
miles in the mountains. I may  
perhaps go there next summer,  
and will then make a good  
search for it. I brought home  
some roots, which I planted  
with a lot of other ferns; the  
*Aspidium* has not yet shown  
itself. I send you all the  
dry specimens I have remaining.  
My dwarf *Polyp. Californicum* (?) is  
growing & I send you some  
living specimens, & for a com-  
parison some of the common  
form. The dwarf one appears  
to have a considerable difference  
in its habit of growth: the old  
forms, which were somewhat

wilted when the roots were planted,  
regaining, ~~there~~ to a certain extent,  
their vitality, while ~~the~~ with  
the common form they usually  
under such circumstances die -  
I suspect it of being perennial -

I will try to procure you  
some more of our *Pellaea Wrightiana*.  
The only locality I know is quite  
distant in the mountains. Since  
sending to you I am told by a  
friend that he had sent some  
to Prof. Eaton, who made the  
same request that you have,  
viz, for more & rooted specimens.  
They were sent, but have not  
yet been heard from -

I send you some sections  
of our common form of *Pteris*.  
I am afraid my "other form"  
is simply a lighter one  
produced by a shaded sit-



vation, as I have in vain tried  
to find a printed form -

I visited the other day the  
Library of Northern California and  
found a man had holding up  
then white clouds just as  
waiting for a rain. Then from,

although so dry that they smelt  
at the back, again their eyes at  
the first thoroughly wetting. They grow  
on the southern exposure of a cliff  
of soft limestone, entirely exposed  
to the fierce glare of the sun  
and without a drop of moisture  
from May till November. As it not  
<sup>impossibly</sup> do not take?

Thanks for your kind offers  
to exchange, but I write just to  
and you something to exchange.  
Do you care for being  
observers of any of our forms?  
Very truly yours, J. S. Henshaw

San Bernardino, Cal. 18 Feb '88

Dear Mr Sorenson,

You will receive with this a package of specimens of Ferns. The Cheilanthes viscosa, especially, are not as good as I cared wish they were. They were gathered too early; about April would be the best time, now the young growth is just begining to put forth, and the only fronds that can be collected are old ones, that have been all withered and curled up last summer, but have been freshened up by the winter rains. They are generally imperfect and very tender. It is a very troublesome fern to press, its viscosity causes it to adhere to the papers, rendering it impossible

to straighten a disarranged frond,  
and difficult to detach one, even  
when quite dry. I hope, how-  
ever, that they may be of some  
use to you, as I shall not be  
likely to have a chance to  
send you any more this year.

They are very scarce ~~here~~ so  
far as I observed on the Whitewater,  
and in neighbouring cañons, where  
I had hoped I might find them,  
they are not to be seen. They  
grow in sheltered crevices of rock,  
in narrow and shady ravines, where  
the sun can not strike them.

The rock is granitic. Whitewater is  
a small stream, rising on the East  
side of San Bernardino Mts., and running  
through bare hills to the Colorado  
desert, where it sinks, a mile or  
so from its mouth. Ch. viscidus  
is found near the mouth, in the  
cañons of the West side.

(P.S.) all the hills on both sides

2

favor. It grows here, but I  
cannot seem to find it. It  
always grows As. Cap. Ven. I  
live in hopes of the 2d Vol  
of the Botany of California  
this spring, when I shall have  
something to refer to on filices,  
as well as other ineditæ  
orders that perplex me.

Very truly yours,

Saml. B. Parish.

P.S. I have not forgotten the  
roots of Ch. Fendleri. They will  
come in time.

of the desert is that ~~neighborhood~~ region there is plenty of Notholaena terryi and N. candida, the former likes to grow under the edge of a boulder, that is bedded in the earth, but the latter prefers a seam in the rock, where it can get the full heat of the sun. Besides these the only ferns I saw in that region were Gymnocarpium triangulare, the silver variety only, while here at home we have only the gold—Pellaea brunneopurpurea, both rare, and plenty of Cheilanthes Fendleri (?), especially a <sup>few miles</sup> ~~little~~ back in the hills. The desert itself did not even have a Pellaea, though one might expect it there.

You may form some idea of the winter climate of the region from the fact that we collected (Jan 10-15) nearly 50 species of plants in flower, including such

as *Yucca baccata*, *Abourea umbellata* &c. As for its summer climate an oven affords the nearest earthly comparison.

I can get you this spring some more Ch. Cooperae, & Noth. candida, if you want them, or any other of our ferns. If you put any of them in the Herb. they should be accredited to "Parish Bros.", as my brother, Mr. W. P. Parish, and myself do all our botanical work together.

You have often kindly offered to send me some specimens, and in order that I may avail myself of your goodness, I enclose a check list on which I have marked out what I now have, <sup>and</sup> ~~so that~~ I would be glad to get any of the others. If you could send me a specimen of Ad. Emarginatum, although a poor one, it would be a great

H San Bernardino Cal  
19 Apr 1880  
Dear Mr Overpeck:

I have just come  
back from the desert,  
and you will perhaps be  
glad to learn that I  
discovered a new station  
for *Ch. visciosa*. It is  
at Agua Caliente, across  
the desert and about  
14 miles from the original  
find. It is very scanty,  
for I only found 4 specimens  
in half a day's hard search.  
I think there is another  
cañon when I can discover  
it when I have time to  
look it up.

As soon as my specimens  
are dry I will send you  
some. Could you oblige  
me with a specimen of  
true *Ch. Fendleri*, the un-  
doubted plant?

Yours truly J. B. Parish



WRITE THE ADDRESS ON THIS SIDE - THE MESSAGE ON THE OTHER



Mr. Geo. E. Doremus  
8 Hamilton Place  
Brooklyn  
Mass

4  
1  
San Bernardino, Calif.

23<sup>d</sup> June 1880-

Dear Mr. Davenport,

I should have sent  
some time ago the little  
package of ferns which I mail  
today. But before they were  
dry enough to pack I had an  
opportunity to go down to the  
Mexican line, and have just  
returned.

You  
will be glad to learn that I am  
— my brother & myself — this weekend a  
third, and abundant station for your  
Ch. viscosa. It is at Mountain  
Springs, 80 miles SE of San Diego, on  
the line of the U.S. Military Telegraph  
to Ft. Yuma, and but a few miles  
from the Mexican line. It is  
on the edge of the desert, nearly at



at the foot of a great mountain that looks out upon the desert. Its elevation (Mt. Spruce) is said to be 3300 ft, but I suspect an error. There is hardly a handful of soil to the square mile; naked rocks, boulders of all sizes, & in the crevices beds of coarse granitic sand, which the fierce winds here prevail at scoop up and hurl about in blinding gusts. The only living things to be seen are "cactus-birds" and rattlesnakes. The vegetation which clings to the rocks ~~composes~~ <sup>comprises</sup> is such plants as *Nolina Parryi*, *Yucca baccata*, *Agave deserti*, *Foraiguiera splendens*, *Echinocactus cylindraceus*, *Mammillaria phellosperma*, *Opuntia Bigelovii* & other species of desert growth. But under all the boulders are fine tufts of *Ch. viscidula*. Of

course at that time it was all dry & shrivelled up, but from its appearance we judged that it must be *juv.*, as it is more abundant here than at Whitewater. The remains of a specimen which I send you will enable you to satisfy yourself that I am not in error as to the species. There was here also a few *Pellaea* & *Bombylopsis* & *Ch. myriophylla*, but *Ch. viscidula* was the only abundant species.

At Whitewater *Ch. viscidula* grows, mainly, on the shady side of a high rock point composed of very rotten granite, & in the crevices. The few specimens I got at Agua Caliente were in ~~the~~ a crevice of a precipice of very hard granite. At Mt. Spruce it mostly grows under boulders, but sometimes in the crevices of the granite.

Mt. Sprague is at least, I judge, 150  
miles from White water & in a different  
range of mountains, so that it is  
probable that *Ch. viridis* is to be  
found at other intermediate places.  
There is one where I feel sure  
I can find it, if ever I have time  
to go and look.

I wish the specimens I send you  
were better, but I send the best I have.

I am looking with interest for  
your Manual. I hope you will not  
consider it too elementary to give  
a pronouncing ~~vocabulary~~ index. I  
have a dispute with my neighbour  
who says *Pell'aea*, while I say *Pellaea*.  
Which is right?

Yours respectfully

Saml B. Pond

Cheilanthes Parishii, (G. E. D.) n. sp.

Rootstock creeping, short, clothed with linear lanceolate, brown scales, with darker centers, branches 4 to 8 inches, or more, in length, 1 to 1 1/2 in breadth, oblong lanceolate, tri- to quadrifid, both surfaces covered with coarse cobwebby pubescence; stipules clothed at the base with dark scales similar to those on the rootstock & above with paler scales and a cottony fine pubescence or nearly smooth, petioles scaly with pale brown narrowly lanceolate scales, pinnae lanceolate, covermost distant, pinnaules oblong cut-down into obovate or rounded segments, involucres formed of the narrowly reflexed, unchanged herbaceous margins.

Santa Bernard Co., Cal.  
5 April, 1881

Dear Sir—

It is some time since we have had any fern-news to send you, but today we mail some specimens of a fern that we have not before met with, and which is apparently not described in the Bot. Californica, which is the only authority we have at hand. It grows with Notholaena Parryi, to which it bears such a remarkable aspect resemblance—Will you kindly determine the name of it?

We found a station for Ch. californica this spring in a canon about 7 miles from this town, which is 40 miles further inland than we have hitherto seen it. It is abundant & fine

P.S. Have you any specimens  
of the Californian Equisetaceae  
in the Herbarium, and would you  
send some from this region? If so  
we will be glad to send them.

at the place mentioned, &  
also sparingly occurring at the  
western base of San Jacinto Mts.,  
but is there scattering & not  
very large. In the latter  
place Ch. Clevelandii is  
very abundant & fine.

We are having a very good spring  
botanically, rain plentiful  
& consequently a fine growth  
of plants. Dr. Parry is here  
and we have had some very  
instructive and pleasant  
trips together. Now that the  
North Pacific R.R. is  
in operation may we not  
hope sometime to show you  
the herbaria of our friends?

How is the "Manual" progressing?

Very truly yours,  
Parish Bros

with a similar specimen,  
+ the portrait chosen. The  
altitude would be hard to  
guess at, but I ~~shall~~ think  
it cannot be more than 2000 ft.  
at the ocean, at no great  
distance from the mouth of the  
river.

Of course I hope it will be  
found to be new, and not merely  
a Mexican or other foreign species.  
But even then it will be a  
very new thing.

I do not know if the description  
is proper, but if it should prove  
new it would be a very  
very much if you were willing  
to name it for my son, who  
discovered, unless you prefer a  
descriptive name.

Can we have of any service  
to you, before I go?

Yours very truly,

Samuel H. Henshaw

San Bernardino, Cal.  
30 April 1881

Dear Sir,

You have no doubt by  
this time have received the  
other specimen of the new  
form which we sent you a  
few days ago. I am sorry  
we have not more abundant  
material, and we would at once  
visit the place where it  
was found, except for the  
certainty that by this time  
everything in that arid  
region is dried & obliterated  
so that it would be out of  
the question to get any  
good specimens. But now  
as there are some nests  
you are the master of



good collection of it. The  
station is in the desert  
hills east of San Bernardino  
(but in San Diego Co), and  
not in the same region  
in which Dr. Purpus found  
Chilanthus viscidus, although  
not in the same Canyon,  
it is another for which  
I do not know any name.  
Circumstances did not  
permit a thorough examination,  
so that nothing can be said  
as to its abundance. It is  
probably rather scarce.  
My brother, who discovered it,  
collected all that he saw.  
But no doubt with time  
is completely explore the  
neighborhood a sufficient  
quantity can be found. It  
yesterday was growing in the  
cave of (granite?) rocks

form of Nothofagus, which is  
abundant in the nearby bushland,  
& which our form, on its upper  
surface, somewhat resembles  
at a casual glance. It was  
only when looking over our  
collection after our return  
that we examined it closely  
enough to see that it was  
new to this region. We can  
give you no information  
concerning its introduction, for this  
is supplied by the specimens  
themselves.

The compliment which you  
have paid to naming it is  
very kind. It would be  
"the same" as for my brother,  
Dr. Hillebrand, who was  
the fortunate one to find it.

I hope you are again  
employing the services of your expert,  
as I do not think the Filices  
can leave you yet.

Very truly yours

Sam B. Parish

Santa Bernardino Cal  
May 7, 1881

My dear Mr. Brewster,

I got today your  
kind letter of the 28th. We  
are much pleased that the  
fern turns out to be new.  
There is a pleasure in  
finding a new species of fern  
more than one of any  
other order. It has always  
seemed to us that in the  
many canyons of these little  
exploded deserts at least  
some of the Arizona species  
would be found, and we hope  
yet to add some of them to  
the flora of this State.

It seems when one looks

when we find anything new  
or rare to get only a few  
specimens, & it was so in  
the present instance - that  
little we had we have already  
sent you & hope you have  
received it in good order.  
You need not return them,  
as we expected, as our object  
in taking it was to send  
a specimen to Prof. Sturges, after  
it had been published. But  
as you intend to communicate  
it to him we shall not need  
to know it. As soon as it  
can be again collected, which  
can hardly be till next winter  
we will send you a supply  
of good specimens. I do  
not think I can at present  
add anything to the scanty  
information I conveyed in my  
last written. It was gathered  
hastily, as you remark.



a very easy & satisfactory plant  
form for culturing and Kochotum  
Pamoti, a different one. H.  
Newberryi + Ch. myriophylla  
we have tried several times  
but so far without success -

We had the pleasure of receiving  
a too short call, the other day,  
from Mr. Pringle. He was on  
the way from Arizona to San  
Francisco, and without returning  
here next November, when we  
hope to see more of him -

Very truly yours

Parish Brown

✓ San Bernardino Cal.  
10 Aug 1881  
Mr. Geo E. Doornik

Dear Sir, We enclose by  
this post some specimens  
of Pellaea, including good  
P. Wrightiana + P. Ornithopus, as  
well as some less well marked  
forms that seem somewhat  
intermediate between them. We  
have kept duplicates of them  
forms & will be glad to  
show your opinion of them -  
We have indicated our own guesses  
on the tickets. P. Ornithopus  
is very common in this region  
on hills the lower parts of mountains  
say to 5000 + 6000 ft elevation, but  
most abundant at about 1500 to 2000.  
P. Wrightiana, of the type represented  
by the specimen from San Jacinto,  
is much rarer, but we have

found it in all the Mts. we have  
visited at altitude of about 7000  
to  $7\frac{1}{2}$  000 ft. The "intermediate"  
forms we send you are from  
an altitude of about 3000 ft.

The form of Ch. viscosa is  
from a cultivated specimen. You  
will see that it has quite lost  
its viscosity, and might easily  
be mistaken for Ch. Confusae.  
It is a very difficult form  
to cultivate, but after many  
failures, we have induced a  
few plants to grow. They were  
taken up last November, when  
quite dry, and this seems to  
be the most favorable time to  
remove these drying up forms.  
Now we have in cultivation and  
continuing their growth all the  
summer. The same is  
the case with Ch. Clevelandi,

It is a great temptation, for there  
is a good large extent of interesting  
ground that we have not yet  
gone over, & that is almost sure  
to reward the careful herbalist.  
And we take a great pleasure in  
the work. I should be glad to  
devote all my time for the next  
year to the exploration of  
this region, if I felt that my  
circumstances would permit it. I  
can hardly persuade myself to  
abandon it without one more  
season's work.

It is very dry here yet, no rain  
to speak of - For the last three days,  
it has been trying to rain, but with  
very little success. There will be no  
good North. Newberry tells me there  
has been good shower -

I am,

Very truly, yours

Dr B. Parry

4

San Bernardino

3 Jan 1883

Dear Mr. Townsend,

Your kind form of the 24<sup>th</sup>  
is at hand. I had concluded  
that the *Aspidium* was 2 forms  
of *A. argenteum*, but am glad to  
learn that it is an  
addition to our California flora.  
Like so many other rarities I  
did not get a supply - only a  
couple of specimens of which you  
have some. If I get up in  
that part of the Mountains again  
I will try to lay in a supply,  
but my impression is that it  
is not abundant. It grows in  
cracks of granite & at perhaps on fl  
etc.

I will remember the double  
cheilanthes from the Santa Rosa of  
San Jacinto Mt. There are no  
more of them. I hardly think there

Newberry, of which I wish  
and find a good supply when  
it comes into good condition.  
It is very abundant here.

In making up the set of  
*Ch. myriophylla* (?) for Mr.  
Stark I tried to get specimens  
from as many stations as possible  
and showing all the diversity of  
forms that I could find. It  
was a matter of regret that  
this delayed the arrival of the  
forms until after the death  
of Mr. Stark, who I think would  
have been pleased with them, but  
I am glad that they have  
come into your hands.

It is gratifying to learn that  
Prof. Sargent has come to a  
revising opinion of his injustice  
to our friend, Mr. Bunge. I have  
had the opportunity of seeing a great  
deal of Mr. Bunge, having collected with

him, & having had the pleasure  
of receiving him several times at  
our home, and I can come to  
esteem him very highly. He is  
a fine specimen of a man  
worth - but you I was well  
surprised at his being compelled  
to abandon his work.

Just at present I find it impossible  
to say whether I shall do any  
collecting this year, or a great  
deal. But for my brother and  
myself devoted a considerable  
share of our time to botanizing.  
Our success in finding new & rare  
plants was very gratifying, and we  
were unexpectedly successful in  
disposing of the collections we made.  
Still pecuniarily it would have  
been to our advantage to stay  
at home and attend to  
business, and I hardly see how we  
can get away much this year.

at a loss to see I would  
be glad to have them

I remain,

Very truly yours

Saml B Parish

41

San Bernardino

May 16, 1883

My dear Mr. Davenport,

I send you herewith a few  
specimens of *Notholaena Newberryi*, which  
I hope will answer your purpose—  
They are smaller than usual, for  
the dry winter has prevented the  
development of forms as well as  
of flowering plants—As the rains  
are continuing uncommonly late  
into spring, there may be some  
better ones later, & if I get any  
I will send you some—You  
will find little difference in the  
specimens, and I think this  
form varies but little, at least  
as far as our region is concerned.

I am sorry I have at present  
no specimens of what we used to  
call *Noth. californica*, or *N. Californica*  
as Prof. Eaton now makes it. It

is quite plentiful near S. Diego,  
but with us it is found only  
on one small hill, near the  
town of S. Bernardino, called  
Slover Mt. Here it grows  
abundantly in the seams of  
limestone cliffs on the exposed  
southern and western slopes of  
the hill - Both there and  
at S. Diego the fern is small,  
but at Agua Caliente, on the  
border of the Colorado desert  
(S. Diego Co) it grows much  
more luxuriantly, especially  
about boulders, and here  
noticeably in the crevices of  
the granite rocks of that  
neighborhood. I have no doubt,  
however, that it is the same  
species, only its surroundings  
are better fitted to its  
growth. I do not know if

I shall have a chance to  
get some there again at  
the right season, - Jan or Feb -  
but if I can do I will get  
you some of the large  
specimens. At S. Diego, I  
am told, only the yellow-  
powdered form is found, my  
friends there being desirous  
to get the white one from me.  
At Slover & at Agua Caliente  
both forms are found, the  
yellow rather more abundantly.  
Agua Caliente is the only  
place in the desert region  
where I have this fern.

Amph writes me from  
Tucson, but the dry weather  
and the Indians discourage  
him a little -

If you have a copy  
of your supplementing

San Bernardino Cal.  
April 7<sup>th</sup>, 1884.

My dear Mr. Wootton,

Can you not send me  
a pound or two of your  
Cheilanthes "gibbelsae" so  
that I can recognize it  
if I meet it again? I  
think I could do so even  
without any, but I would  
like to have something to  
compare doubtful forms  
with.

As you requested I have  
written to Orcutt and given  
him the directions for  
finding my locality - I will  
give them to you as I feel  
you may direct any botanist  
who may come to the place.



collect here. On the  
facinto river, about a mile  
above the Toll house on the  
mountain side among  
boulders between the river  
and river.

My brother has gone to  
Arizona and proposes to  
visit the summer to  
collecting plants there, He  
will be pleased to send the  
specimens to you for determination.

We have had extraordinary  
crops this season and  
vegetation is unusually  
fine, so that hermits  
will have a good time.

With kind regards,  
Yours,

Very truly yours

Paul B. Davis



San Bernardino Calif.

Oct 5. 1894

Dear Mr. Davenport,

Your card of Sept 28 is  
at hand. Thanks for your  
kind assistance in determining  
the plant sent. Will you forget  
#259 — the *Portulaca* — or have  
you not yet had time to  
examine it. You so write.

It is in your card. It  
seemed to me the most  
interesting of the lot, and I am  
curious to know what you will  
make of it.

Yrs, the photo. of the Arizona  
camp was received, & it should  
have been acknowledged with thanks.  
I am, acc, to you.

Very truly yours

Law B. Parish

San Bernardino, Sept. 4, 1900  
My dear Mr. Davenport,

I have never collected again  
*Chelidonium Parviflorum* or *Chel-*  
*idonium*, nor, I am confident,  
has anyone else. Very likely the  
precise places where they typically  
were collected have never been  
visited by any botanists since. Still  
it is remarkable that they have  
not turned up somewhere.

Mr. Mayson's *Asplenium* is a  
plant of the Coast Mountains, where  
it is fairly common. It hardly  
reaches us, although I have known  
one small specimen to be found  
here. Mr. Mayson got his geography  
somewhat mixed when he spoke of  
Newberry's collection in Cajon Pass,  
San Bernardino, near S. Diego Mission.  
It should be Cajon Valley, which  
is near S. Diego.

All I have of this is the  
representation in my own herbarium,  
but Miss. Kimball of National City,  
who supplied Mr. Maxon's type, is a  
very obliging lady, and I have  
asked her to send you some  
good specimens.

As to the var. *cyclotama* of *A.*  
*filix-foemina* I must say that I  
do not know the varieties of this  
species. It is a high mountain  
plant here. Last winter I gave  
all the <sup>orthoclyti</sup> material I had to  
Mr. Gilbert, who is preparing to  
publish some varieties of this  
species. He had already been able  
to detect some 15-20 varieties,  
and, I think, found one or two  
more in what I sent him. I  
suppose there is little reason why  
one desirous of making new  
varieties should find any  
limit to them in a species

such as this. When I next  
go into the higher mountains  
I will get a fresh stock of  
this form, but when that will  
be I do not know.

I am very glad that you  
have taken up in hand your  
Fern Manual again, and I hope  
you will complete and  
publish it. Our conservative  
botanists have been somewhat  
too conservative in publishing, while  
our reforming friends have shown  
great zeal in issuing papers  
and books that might aid in  
giving a vogue to their theory  
and its applications in  
nomenclature. It seemed for  
a time that they might  
carry everything before them, but  
there are certainly signs of a

reaction, and as they have long  
closed to agree among themselves  
either in theory or practice, there  
is hope for a return to a  
more conservative usage.

In the mean time the excessive  
manufacture of "new species" based on  
trivial variations must defeat  
itself. When a <sup>young</sup> man splits a single  
species <sup>young</sup> into page after page of  
"n. sps." or fills a pamphlet with  
"new species" a situation segregated  
from what had been regarded  
by the best agronomologist as a single  
species, it becomes evident that  
the only limit to such species is the  
number of individual studies.  
The next generation of botanists  
will occupy themselves in  
reuniting many of the species  
now being so freely segregated.

Faithfully yours

Saml B Parish

1  
San Bernardino, Cal.

June 8, 1901

My dear Mr. Davenport,

Why is not the fern I enclose  
Polygodium vulgare, L.?

While it is not quite easy to make  
out the veins in all cases yet  
entirely free, and if I am right  
it can then be nothing but P. vulgare.

To me the character given as  
distinguishing P. vulgare from  
Goniophlebium, ~~seems~~ the presence  
or absence of areolae, seems very  
artificial, but I suppose that is  
ignorance, as it seems quite satisfactory  
to those who have made a special  
study of the fern.

Faithfully yours

M. S. Parish



No Brunswick

Nov 17 1871

Mr George E. Burdett

Valley St.

Medford Mass

Dear Sir

I send you  
by this mail a package  
containing a few copies  
of a paper entitled "The  
Times", but it does not seem  
to me to be the same as, al-  
though it is not in  
the same paper, I hope you  
will find it interesting.

I am, Sir, very  
truly yours

I collected it Aug. 21 on a  
ledge, of ~~orange~~ <sup>interposed</sup> rock & hills. It  
grew in dense <sup>interposed</sup> ~~in~~ <sup>in</sup> ~~the~~  
ices and at the base of the rock  
as well as with a north-west  
exposure, more being found  
on other slopes and but little  
else.

I shall consider it a  
great favor if you will send  
by identifying the species.

Sincerely yours  
John C. Parlin

W. H. Russell & Co.  
(10)

# OFFICE OF CANTON SCHOOL BOARD.

JOHN C. PARLIN, SUPERINTENDENT.

CANTON, ME., 7 Aug., 1907.

My dear Mr. Wagnonport:—

I was satisfied, or dissatisfied, in my own mind that those ferns were just what you said they were. You need not return specimens. Many thanks for identification.

Someday I am going to send you a series of *Botrychium*.

*Phegopteris hexagonoptera* is very rare with me, this being my only station, and I have heard of it only two other localities in Maine, Newmouth and Charleston.

I have not yet found *Aspidium cristatum*, var. *delintonianum*, *A. Goldianum*, *Woodwardia angustifolia*, or *Pellaea atropurpurea*. Do you know any place in Maine where they grow? Is the stiff narrow fronded form of *Asplenium filix-foemina* always to be the same in name as the broad rank form of wet woods?

Sincerely yours

John C. Parlin.



H

Davenport Iowa Feb 27<sup>th</sup> /74

for Davenport Ill

Dear sir

Your favor of  
22<sup>d</sup> inst. is hand, thanks for specimens enclosed  
which I take to be identical with some other  
specimens received some time since from Cal. and  
named by Prof Eaton P. ovithus var brachypterus the  
fragment sent you is the one sent to Prof Eaton for  
identification & returned by him under the same  
name. Your doubtful fern leaf may be  
Chamaebatia foliolosa Nutt figured in Prong  
Pl. Fremontiana. Which is wonderfully fern like  
and is fragrant at Aspidium fragrans. belongs  
to Rosaceae!

Botrychium simplex Hitchcock seems very variable  
I collected it quite largely from a single locality in  
a high subalpine valley in Yellowstone park. The  
specimens gathered show quite a difference in the  
shape & divisions of the sterile frond. but Prof Eaton  
sent me firman specimens quite similar. but I  
think quite likely that one species will have to

include several now recognized. I also found in the Park a very robust form of B. lanceoides.

Hide Eaton, with occasional faded remains of the previous year's sterile pod, below the other. Unfortunately I only collected sparingly and have none left for distribution.

I am now getting ready for this season's trip to South Utah, and duplicates packed away so thick I cannot conveniently overhaul to see what I can spare. I shall however keep your desiderata in mind, and can in doubt do something towards supplying them. I hope indeed to strike something quite new in the region I am going to, at least some varieties of which I shall collect largely, and distribute freely.

In the mean time let me thank you for the interest manifested in my researches. which is quite encouraging.

Yours truly C.C. Parry.

P.S. I have made arrangements to correspond for N.Y. Tribune over initials C.C.P.



Davenport Iowa March 26<sup>th</sup>/75

Jes. E. Davenport

Dear Sir

I am in

receipt of your letter 22<sup>d</sup>

I send you by this mail a  
small parcel containing a few ferns  
of my late gathering including

No 262 Adiantum Capillus Veneris L

263 Notholaena Parryi Eaton

— a single frond of N. tenera Gillen.

+ Woodwardia Seepulma Eaton

X Notholaena Fendleri

If you consider these of any pecuniary  
value you may return on

\$4.50—

Mr J E Johnson of St George  
is the only one who would be likely  
to undertake a collection of ferns.  
N. tenera Gillen is found in a deep  
gorge known as the water holes  
about 12 miles S W of St George  
on the road to Beaver Dam

A son of his was with me  
at the time I collected it and  
will remember the locality. but  
it is scant and difficult to  
find otherwise I should have got  
more

I partly expect to return to  
that locality next winter  
if so will look sharp after these  
things

Respectfully yours  
C. C. Parry

Westford. Conn. Aug 13<sup>th</sup> 1877

Geo. E. Davenport

Dear Sir

Yours of 6<sup>th</sup> inst  
forwarded from Davenport has reached  
me here. I fully intended when in Boston  
several weeks ago to have called on you  
but other engagements prevented. I  
expect to return to Davenport next  
month. have some idea of a winter &  
spring trip to Old Mexico next season  
In regard to your fern discovery of  
Cheilanthes viscida n sp (my No 272)  
I can readily believe that you are right  
in distinguishing it from C. Cooperi  
its locality and habit are quite different  
It (yours) is found only on the Eastern  
(Desert) slope of the Sierra Nevada near  
San Joaquin Pass, C. Cooperi on the  
western side San Bernardino. Sta Barbara  
& Sierra Valley. (See map)!

When I get back I will see what  
I can do towards supplying your  
wants in that line, My San Bernardino  
specimens of C. Cosperae were gathered  
early and not well developed  
C. virida was collected by Lemmon  
and myself in April 1876

Possibly Miss S A Plummer of  
St Barbara could supply you with  
specimens of C. Cosperae from that  
locality.

Very truly yours

L. B. Parry

# DAVENPORT

## Academy of Natural Sciences.

Davenport, Iowa, Oct 11<sup>th</sup> 1877.

For E. Davenport

Dear Sir

I send

by this mail small parcel of  
Western fauna as you requested  
viz.

No 427 Ch. Cosperar, a C. Virgida Dan

429 Noth. candida Hook.

430 Noth. Naubany; Gal

Later collection of Dr E. Palmer as  
per tickets enclosed

They are all good selected specimens  
for which I do not care to ask pay  
only as you may be able to do so  
in the way of desirable exchanges

Yours Truly

C. C. Parry

San Diego, Cal. March 6<sup>th</sup>/82

Thank you very much for the  
present.

I expect to see you here in a month  
or more, and shall be glad to  
hear from you.

Please address P.O. Box 157, San Diego.  
I am hoping to see Pringle soon  
and hope we may take some  
trips together.

Mr. Cleveland is rather feeble  
but still keeps up his botanical  
interest.

If you think best you may publish  
a brief notice of the present  
will be likely to interest your friends  
very truly yours

C. L. Parry

My Dear Mr. Davenport:

Knowing the  
intelligent interest you have long  
taken in American forms, I take  
pleasure in communicating to you.

(With a specimen, not yet matured) a  
redicover of mine made to you,  
after an interval of 32 years.

The curio's history in brief was,  
collected early in the Spring of 1850  
while connected with the Mex. Bdry  
survey, then stationed at San Diego  
on one of our rambles. I came upon  
this identical *Ophegobrycon*, my specimens  
then collected were lost in course, the  
Isthmus, — and I afterwards left the country.  
The distinct recollection however still  
remained, and at different times I  
have stated the fact, which in the  
absence of specimens was generally



in accord with his recollection. I also  
called the attention of Mr. Cleveland  
to this matter, and he has been on  
the look out but without success.  
Circumstances seem to favor a  
trip to this region and review of my  
old locality, one of my fresh thoughts  
was the *Ophryoxylon*, accompanied  
by Mr. Cleveland I went, as far as  
I could remember to the exact spot  
but did not succeed in tracing it at  
all. However particularly its  
common association with *Dodecatheon*  
and *Toxifraga* *parviflora* and in the  
summit, whenever I came on a patch  
of these, I looked closely to find the  
little shrub. What then was my  
surprise and joy in digging up a clump  
of *Prodris* to find in the soil, and I  
took up a diminutive leafy tree  
"cutter" itself & then just on the clue  
I had, and apparently in tracing it

up. and the fruit was 1. lat. 1. lat. 1.  
of the same the specimen was <sup>not</sup> all  
immature. the survey is now  
assured, only needing time for  
development. I traced it along the  
different localities for nearly 10 miles  
that it is not very common  
among plants.  
Now, what is it? will be a matter  
I leave you to decide having access  
to the literature of the genus. I think  
it can hardly be a form of *O. bulbosum*  
but it comes near my recollection of  
a species figured in Hook & Arn.  
perhaps *O. bulbosum* or something  
like that. It seems peculiar in the  
double fruit & short fruit spike  
two of my best when better develop-  
ed will soon be seen in the mean  
time I shall watch & secure pale  
material to supply all demands.  
Hence you soon require specimens.

Dear Sir. Davenport, Iowa July 23<sup>d</sup> 1882

Returning home once more after 2 years  
absence, I now send as requested small parcel  
of Ophioglossum nudicaule. Would it be convenient  
for you to send in return some freight or Florida Specimen  
of the same?

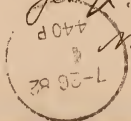
Manoos Jones seems determined to keep his stupidity  
before the Scientific world. (See note in July Bulletin.) I  
have advised the editor of his incapacity & conceit.  
Mr. Pringle will tell you more than I care to state  
of his outrageous behavior in Lower California.  
I hope this will find you well & lively. I am busy  
now overhauling my collections just rec<sup>d</sup>

Yours truly G.C. Parry



NOTHING BUT THE ADDRESS CAN BE PLACED ON THIS SIDE.

George E. Davenport Esq  
No 8. Hamilton Place  
Boston  
Mass



Quebec, March 26. 1871

Dear Dr. Brewster

Mr. Brewster has just  
come here on his way to bring me  
some more boxes of eggs. He is  
presently in the city.

I have just seen a copy of an  
interesting paper from Dr. Brewster  
about the last year. It is the 12th  
volume of the 1st, and I like it for  
H. agouti but it has a little  
more, what do you make of it?  
I am glad to see Mr. Phipps has  
been consulting maps &c &c  
He seems to know well of the  
country. I hope he will not go  
on in this

Yours truly  
C. C. Perry

HERBARIUM OF H. N. PATTERSON,

OQUAWKA, ILL., Sept. 23, 1886.

Dear Sir:

I am now nearly ready to use the list of Ferns which you sent me, in the Herbarium list which I am printing, but on looking for it found that my wife had "cleaned up" my table, and put away some of the papers so carefully that they cannot be found.

Will you kindly send me another copy of the list, corrected to date.

I will be glad to send you a copy of my list when published, or will willingly pay for the copy from you.

Yours,  
H. N. Patterson.

P.S. - To save time I concluded to set up list of Ferns, from Underwoods

HERBARIUM OF H. N. PATTERSON,

OQUAWKA, ILL.,

Sept 24

1886.

"Our Native Ferns". I send the proof herewith. Will you please correct it up to date? Would like all marked varieties, as they are useful in a list of this kind, intended for herbarium catalogue.



V

Ugawka, Ills.

Feb. 3 1890

Mr. Davenport.

Dear Sir:

Will you kindly correct for me the list of N. American Ferns, to be used in a new edition of my check-list for which I am now preparing the copy?

I have just read again, in the Bot. Gaz. of two years ago, of the photograph of N. Am. *Ophioglossaceae* - If you have any of these remaining, please send one to me.

Yours truly,

W. N. Patterson.

Miss J. C. Felton  
Englewood  
Cook Co.  
Ills

D. G. Peaman  
Mtn View  
Cal

Please send a catalogue to each of  
the enclosed addresses. Are you near  
Franklin, where Dean Freeman is? to  
have a cousin who is about to start  
for that place to attend school  
the coming year. Her parents live in  
Englewood Ills. Mrs Muir is now  
in Alaska, feasting on Ice and  
Mountains. That beautiful Sound  
near Davenport. Wish you could  
see it. Out backed to the north,  
Kaimier to the south and the Olympic  
range in the west. I feel like  
saying <sup>the</sup> ohs! with points, as the  
girl did at the Centen exhibition.  
I have forgotten something that  
I wished to ask of all you, but  
will have mercy on your time  
and eyes, and say good bye  
again for a short time, and you  
must be glad to have me stop! E. C.

Dr. please do excuse me for  
sending you this humble bill. But  
I have had back this letter on a  
hoping it will go on and not away  
this city - and this is the result.  
It is too bad to send but will  
all receive from. please return  
me, and don't think I am  
much money. S B 47

Butler Hotel & Butler Ave

Brownsville Butte Hotel

Oct 16<sup>th</sup> 1895

Geo E. D. Post

8 H. St.

Boston Mass

Your postal came in  
our last mail, and you  
must have received my  
letter about the 10<sup>th</sup>. you  
wrote the 20<sup>th</sup> after I mean.

I ought to have written  
before, but packing, and  
other things occupied very time  
to such an extent that  
I could not. I am now  
where I think letters will  
reach me safely, as I have  
not known of losing but  
one, in the five years that  
I have called this home.

Enclose a (mutilated)  
catalogue, so that you may  
know what I have.

I have not yet marked  
any in the ~~package~~ belonging  
to the lost also, so that I  
have some more than I  
have asked, but you can  
tell very nearly what you have  
sent. The marks in pencil  
at the left, indicate those  
that I have. The double slanting  
mark show those that I have  
received from two or more  
sources.

I am going to ask a  
favor again. Will you send  
me a few catalogues if you  
please? I know not where  
to send for them and  
presume you can obtain  
them easily - if not do not

go to any trouble about  
it: the one enclosed was  
sent me by a fern lover  
and I now send it overland  
again, but I scarcely think  
you will want to re-mark  
it for your use.

I have not yet  
heard from Menir, but it  
is about time for him to  
be coming from the Valley.

Hoping this will reach  
you before you send another  
package I remain

Respectfully Yours  
E. C. Peterson.

will soon reach the consignment  
points and remember that I shall  
bring any articles relating to flowers  
or fruit which you may be pleased  
to send. Being two quartets packed  
over, and I propose to have my  
flowers sent that those roots have  
survived their transit. You are doing  
up new boards. I want but a few  
articles, and think I wrote you a  
note, also a letter.

Keeping them with much care  
safely remain.

Respectfully

E. Teller

Sales and a *Pinella* *pinella*  
*Cyclotoma*, and a *pinella*  
bush (butterfly flower).  
by *pinella* Forest so  
it goes to the lot.

Brownsville, Tex.,  
November 17, 1881

Mr. Warefoot

I have just arranged  
a package of plants for  
you and will send them with the  
others. There are several varieties like  
my last, and a few additional.  
The *Pinella* will show you  
several shades of green and  
brown, and you will also  
notice quite a difference  
in the color of the fruit of the  
*Pinella*. The *pinella*  
is rather scarce, and  
I have only obtained a few very  
small plants, are they not  
pretty. I need to admire the  
aiden hair when a school  
girl - but I think these are good



to the bottom. You will  
find *Gynergon* in the sand  
gold. This rather old and  
faded, it is true, but well fringed  
are these *G. aquilina* & *G. d.*

4. What is it? I got it  
in Woodward's garden. I am  
satisfied, and have but one  
other specimen. True *G. d.* is  
now scarce and was gathered last  
spring in *ay*, excepting the  
largest frond which is a hot  
house plant and the garden  
one it is as *G. capillaris* to be  
the smaller fronds I supposed to  
be *G. d.* I am satisfied.

I have sent you small Woodward  
is, not having pressed any  
of the larger one, excepting one  
which my cousin claims to a ma-  
mest her parlor with some  
small ones, but if you desire one

fully grown, say 2 or 3 feet  
high, I will send it in sections.  
The *G. d.* contains no spores and  
is by a fine d. and only  
reached me late today, and  
I have had no opportunity  
to compare them with my  
collection, and have not seen  
them by a good light, judging  
them to be *G. d.*, from  
the fructification, however.

I also have at in a few  
specimens of sea-weed, which  
*ay* interest you, as you seem  
to be an admirer of them as to  
the sea-weed help but here these  
beautif. products of the sea, as  
well as our lovely ferns from  
land. I must thank you for  
the pleasure you articles have  
given me. Love your paper & can  
in due time, and I hope

out slightly but comes a  
 or over beautiful hill  
 is several miles from here  
 descending to the valley and  
 not be several hundred feet  
 altitude. This is about two miles  
 I send you a bunch of seeds  
 which are a few bulbs. I have  
 not seen of what they may be  
 Calochortes as they grow in  
 that vicinity, but I am inclined  
 to think it belonging to our  
 family - if so you will send me  
 as it would be ornamental none  
 more anything disagreeable.  
 I am sorry for your seeds & bulbs  
 which I found awaiting me in my  
 you have received - you have received  
 package. The ferns are growing in my  
 garden. By the way I want to  
 ask you if you know anything about the  
 "Great Flower" of Russia that

some journals are talking of. The A. Y. Christian has  
 state that and then some paper stating one was growing in  
 not needs gathering near Elk Riverberg. Have you heard of  
 it was part of it or is it  
 "Harris old weather"  
 I want for the  
 address of Mr.  
 Calcutta. I have  
 it will write to  
 for improve on  
 may be sent to  
 the way out  
 Calcutta. I have  
 found quality  
 and quite like  
 the one I found  
 don't you think  
 I think his and  
 "Harris old weather"  
 is some. But  
 growing in  
 Dec 18<sup>th</sup> 1854  
 Davenport  
 Camilton Place  
 Boston. Mass  
 H  
 Here comes a  
 box of my darlings for you  
 secure care, and if they grow  
 you one tenth of the pleasure  
 I have had in using and  
 growing them. I shall be  
 a happy man. I am just home  
 from a very trip and a  
 bubbling over with admi-  
 ration and enthusiasm  
 for the beauties I have  
 seen. How I wish you  
 could have been with  
 me yesterday and that  
 I will write, very love, it

nature and of God's <sup>his</sup> maker  
 could have been delightful,  
 just fancy a hill-side covered  
 with ever-changing rocks  
 carpeted with moss, even the  
 walls hung with green  
 lichen. Polytrichums lifting  
 up their heads from every  
 crevice, where their many  
 feet could find a creeping  
 place. Synnogrammes standing  
 out boldly waving their golden  
 lined banners, and tiny green  
 so luxuriantly large, broad  
 as long as this sheet is wide  
 and stipes a foot in length  
 and on or near the top we  
 found Comanthus. (I saw next  
 to you a couple of more with  
 as these vary a little from  
 those gathered here) The hill  
 descends quite abruptly,

1 - and localities for ponds vary in general aspect, coming to  
 still, or moister and these pantries to be at these libraries, next to  
 getting a little more of the  
 first and  
 eggs a  
 pan v  
 often to  
 some of those  
 which  
 were a  
 little  
 different  
 stream in  
 color  
 or vis.  
 rapidly  
 of the  
 of the

This descent along over its rocky  
 bed, and there, found  
 Sapidium (argatum & others)  
 a little just above a small  
 bank of sand & hair wa  
 trying to hide itself behind  
 the ever-changing rocks;  
 crossing the stream we found  
 ourselves on the sunny side of  
 the hill, and here was a score  
 or two of Tillaea ornithop  
 growing along the grey rocks,  
 and mosses grow near it where  
 stunted golden ferns were bare  
 enough to attempt to live there  
 Chamberling over rocks till  
 we reached the head  
 gorge, where the water came  
 tumbling over precipitous  
 rocks. This delicate fern  
 (Cystopteris is it not?) was, perhaps





feel deeply grateful for all that  
your bags so kindly told me.

I must again thank you for that  
package of Texas ferns. I was delighted  
to receive them, and prize them highly. I  
have one end of my trunk filled with my  
fern treasures, and should we meet will  
show you some beautiful wood from the  
mangrove tree, also from the Sequoia  
gigantica. I think that I enclosed some  
specimens of the former in my last package  
did I not? I shall be in Ethaca.

N. Y. with a cousin for some time, a  
month at least - and shall be very  
glad to meet you if you should be  
journeying that way.

I shall be glad of some  
specimens, as my trip to Oregon is postponed  
until another year, and I shall not  
be able to gather any for some time.

Keep yours D. Brewster. I would  
much rather you had it than B.

I have an extra one myself, and I  
should not have sent it. It is not  
often one finds as much of an enthusiast  
of ferns as I am and it is a pleasure to  
gratify those who really enjoy the gifts  
of our woods.

Since I began my letter your note  
of the 3<sup>rd</sup> inst was rec'd in, and you  
will think me long I fear in acknowledging  
the receipt of your first letter, but sickness  
has prevented me from writing. I have been  
confined to the house three weeks since I  
came here, and am just getting out again.

I expect to see Mr Muir when I leave  
Ethaca and will try and remember to  
ask him for the locality of the ferns mentioned.  
He spent most of the summer in the Sierras,  
and tracing the sources of some of the rivers.

He was in the region of King river, Owens  
and Mono valleys. The new valley which  
he discovered is in the South fork of King  
river, 46 miles west from Visalia. It was

First Port ever seen me and opening me my letter  
helps to see the letter  
C. C. in  
Ethaca

Charitable Sir, your criticisms for time is short and I cannot  
part with this a week and a half longer, as I have received  
a few days ago, Niagara river boat  
and with this, mail you a package  
containing Adiantums, (Chilensis I think)  
from Yosemite and Pellaea Penns.  
and from the coast north of San  
Francisco a few large Equisetums  
and P. andromedaefolia, (Hb. K.)  
Think you of a coast aspidium?  
Well protected from the fogs  
by its shaggy coat is it not?  
How sorry I am that you did  
not write me of your errands in  
San Francisco I was there several  
times. While waiting for the boat, I  
finally came by rail much to  
my disappointment and go to Wharfe  
from Philadelphia, and will send  
you the mementos mentioned, but  
trust that I shall not get carried  
over the fall in imitation of that young  
Lady of old - though I should enjoy a  
soft ride, well. My friends here have  
made me well acquainted with Niagara  
and I have increased my collection, (Will  
you please tell me if the Aspleniums sent are)  
Trichomanes and venustum & these are the first  
I have gathered. I find also cystopteris bulbifera and fragilis amongst  
new of the latter and a little Pellaea. will you tell me what the  
latter is? I send one found, I am not sure it is a  
reply to all  
that I should  
your letters  
are packed  
and sent to  
the depot -  
cannot see  
Please inform  
baste and  
that which  
is left - send  
for this visit  
and letter with  
does not go with  
together. I

entire. I have but two or would  
send more. A grass and in  
wet granite mine or eleven  
thousand feet altitude Mrs. Miner  
tells me. The pond <sup>114</sup> <sup>Agnes St. was</sup> <sup>numbered</sup>  
sent. A package of cyperogranium  
was from Mrs. Miner and will  
enclose a root for you with these  
under some letters from Brown  
ville. I wish much that I  
might meet the friends you  
speak of and if you will send me  
the address of the lady in Phila  
call. But I wish so  
much that you could see the  
chelonanth collection which I have  
you might be able to better  
what variety they are. I never  
have noticed any white

or those growing among  
the rocks, but I have a basket  
of ferns and will send you a  
small frond which I cut from

are that you will have to exercise what has been  
said twice. but I will and this hoping you will be

it. I have a couple of others.  
twice or three times as long  
with the same downy riburnes  
I shall be pleased to know the  
decision of the powers that be in  
reference to *Lendleri* &c. I think  
the two are the same.

I want to thank you for the  
Medford articles and ferns. I  
have enjoyed them so much, but  
have not had time to arrange  
my ferns as I wish. I have quite  
a collection with me, and would  
like much for you to see them.  
I fear that I shall not get to Boston  
to see yours as I would enjoy  
doing. If you will send me  
the address of your friend in  
Phil? I will call upon her  
with pleasure. I go there Monday  
and you may address me at  
24 1/2 South Fifthteenth Street.  
I sent you a root of *Replenium*



as very shaggy that it did not  
resemble its mountain sisters  
very much. The young fern  
number two I think is a young  
woodwardia from the spore but  
still it looks quite unlike those from  
the old root. I send you some  
chilanthus - how do they compare with  
Mrs Clevelands? The young frond  
I cut from a house plant, but  
I never have seen any amongst mine  
as white as the one of Mrs Clevelands.  
I saw some lovely plants in horticultural  
hall in Phila. Some beautiful  
Gymnogramms, and of varieties not on  
the catalogue, and I saw a pot of  
Asplenium Belangeri with tiny  
plants growing upon the fronds  
quite like those you sent me of  
a woodwardia pinna.

By the way I have looked in  
vain for those

Thrace N. Y. Aug 27  
Dear Mr. Cavenpoint

I have forgotten  
whether I sent a card acknowledging  
the receipt of your last package  
with the pamphlet, or not, excuse  
me if I did not, please, and accept  
with this a double portion <sup>of thanks</sup>. I  
have been visiting with friends  
whom I have not seen for  
six years, and with some from  
whom I have been separated  
eleven, and you may judge  
whether I have been busy or not.

I have had so much pleasure  
crowded into one brief summer.

I can hardly tell what I  
have seen, only think of days spent  
in sight of Niagara, of the rambles in

those beautiful woods. And when I think of a ride in Fairmount Park, on the banks of the Wissahicon I long to be there again. By the way I called to see your friend Mrs Cooper but she had not arrived and I was disappointed. How sorry I am to have missed the opportunity of meeting your friend Mr Robinson. I should have been as glad to had him look over my ferns. I am going to send you some mementoes from some of the places I have visited, and though you may have plenty, they probably will not come amiss as you are continually sending off packages.

By the way, you must think me stupid blundering as our *Chilam*-this, but it looks so unlike any of that family that I never have seen. and it seemed to answer the description

of that alpestris.

I have seen "oceans" of *Cystopteris bulbifera* this summer, at *Whatkins Glen* the most, and here in these gorges, and I have been wondering if only the bulblets produce fronds, do you know whether the spores of this fern. I mean those falling from the core are productive or not? I find the little ones in the moss with the bulblet attached, and have no book with me from which I can find out. I spent a two delightful days in *Whatkins Glen* and found a few *Asplenium trichomanes* and still fewer *Pellaea gracilis* I take it to be, but remembering the *Chilolepore* I hesitate to be positive. It is a lovely spot: were you ever there?

The young frond of *Asplenium* was

California & Edwards.

I should so much like to come to Boston before returning to California, and am so sorry that I did not take that city in on my way to Phila. I would indeed send you my picture had I one, and will send one for you, when I get some taken. But I ~~hope~~ hope you will not wait for mine, for I should like to place your face before me - would prefer to have the real to the representative one, but a photograph is the next best. I feel quite well acquainted with you, but of course can only think of you in a dim sort of a way, surrounded by heaps of ferns, and, losing all nature but ~~it's~~ it's. Should you be making a trip this way don't fail to make me a call

at my corner No 111 1/2  
Phelps St West State Street  
I think of going west in September.  
I should no doubt tax  
your time and patience, for  
I should want you to see all of  
my ferns, and I should information  
concerning them from you.

It must be a fine collection  
indeed - that you have given  
the society, and now if you  
would get up a book on the  
Ferns of North America you  
would be adding another favor  
thus making your name famous  
for ever more.

I received a fine package of  
ferns from a Mrs Hathaway in  
Ottawa N. Y. a few days since  
and with them I find *Aspidium*  
*palmatum*, the first I have had  
She also sends a little *Polypodium*

which seems to be between  
simplex and lunaria found  
in Steeps county. She writes that  
she sent a specimen to Prof  
Eaton.

I have not visited Enfield  
and a Lytle or Tills set, but will  
remember you to it.

This letter has been written  
under difficulties, and it  
shows it, please excuse it,  
and me and oblige

Yours Truly  
Emily Wetton

P. S.

Mrs Cooper was expected in  
Phila the 20<sup>th</sup> of June - the  
night that I called.

Can I do anything for  
you in ~~the~~ <sup>any</sup> ~~the~~ <sup>any</sup>  
intermediate points?

By the "firm" I have  
called *Chilanthus Fendleri* the  
gold out below I hear the  
*Gymnogramma* designated thus  
The *Chilanthus* you speak of  
as there being a possibility of its  
being *blelandii*, we have called  
it *gracillima*, but I judge  
there is very little reliance to  
be placed upon the Academy of  
Sci. in the naming of plants  
If it will not trouble you too  
much will you name by number  
the ferns sent so that I can  
compare names. No 5 is a  
*Polypodium* grown in Oakland  
drying slightly from our mount-  
ain friends. I hope to get  
some new varieties this fall.  
as soon as I am able to  
get out, and with you please  
tell me if you have any work

H

Brownsville Sep 30<sup>th</sup> 1884  
Dear C. Darenport  
512 1/2 1/2 ton Place  
Or Sir Boston, Mass.  
Your package  
came to hand, and  
was followed by  
your kind letter of  
28<sup>th</sup>. I have just been  
going through with my two  
packages from you for  
the one before mentioned.  
I will not return  
any of them. I know a  
portion of them, and you have  
me some in your second  
in your first.  
I receive second



letter  
1 accompanying the last page  
and am obliged for  
the trouble you have taken.  
Upon leaving Oakland I  
what ferns I had of those  
you desired, and am sorry  
I could not send more. Of  
them are rare. The Polystichum  
was given me by Mr Muir, and  
was found not far from  
Goosemit. I may get some  
more from Mr Muir, as he  
now is in the upper Sierras  
or was when I heard from  
him in August; it is quite  
rare, and he only gave me  
a few, as he had disposed of  
most of his collection. The  
Pellaea Bridg. & Parnassia also  
came from him, and from the  
region of Goosemit. He told  
me when he left that he

would try and make  
some collections for me, but  
is now on other business  
being interested in the formation  
of the Sierras especially, and  
will not have time to devote to  
gathering plants. I sent you  
in my last package, one  
found, a Pellaea ornithophila, var.  
brachypterum, found on Mt Shasta  
all I had to spare. The Aspidium  
munitum excepting the largest fronds  
were gathered here, altitude 2200<sup>ft</sup>  
centy hundred feet. the large one is  
from Oakland, as I also had  
clones. Will you be kind  
enough to name the latter for  
me. The Philanthus. Pellaea. Parnassia  
Gynogramma & no 7 grew here.  
I am now where I can get  
a lot for you, but I do  
not know which you mean

which will aid in the determining of names of ferns. I have only a small English work by . . . and greatly feel the need of help in learning all that I wish respecting them.

You will excuse the delay in acknowledging the receipt of your letter when I tell you that I was just leaving Oakland for a visit on the sea shore, and then busy with packing to come to my mountain home.

Your letter is not the only one lost in the Oakland office, for I heard a number of complaints of a similar loss, and it was not strange you made the mistake in your address of "Dear Sir."



are any woods  
with you? we have them here in the mts  
wanting this pines etc and eight feet high.  
I had B. locale checked on my list, but for  
out it was simpler. I would like some Catalogue  
and do not know where to send for it, can  
you tell me?

E O Feltow

If there is any work you  
know of which will give  
me the plants I want please  
tell me what it is and  
how to obtain it, <sup>or price</sup> if you  
can, and I will be  
much obliged. This fall  
I will try to send you  
some more specimens  
as I shall collect some soon.

Our mountains are  
bathed in sunshine, such  
only as a Californian sun can  
give, and it no doubt shines  
on many a rare fern, making  
them ready for our gathering.

Our roads are now very  
dusty but we soon expect rain  
not having had any since May  
I think.

Brownsville Respectfully yours  
Pulaski Co.  
Cal Emily O Feltow.



to be sure, but I have not  
any more to say about it  
I have not yet got to the  
bottom of the matter, but I  
am sure it is not what you  
think it is. I am sure it is  
not a matter of life and death  
but a matter of honor and  
pride. I am sure it is not  
a matter of religion and  
morality but a matter of  
politics and power. I am  
sure it is not a matter of  
justice and equity but a  
matter of expediency and  
self-interest. I am sure it  
is not a matter of principle  
and conscience but a matter  
of compromise and expediency.  
I am sure it is not a matter  
of duty and obligation but  
a matter of convenience and  
utility. I am sure it is not  
a matter of right and wrong  
but a matter of gain and loss.  
I am sure it is not a matter  
of honor and respect but a  
matter of power and influence.  
I am sure it is not a matter  
of love and friendship but  
a matter of interest and  
convenience. I am sure it  
is not a matter of duty and  
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self-interest and expediency.  
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is not a matter of duty and  
obligation but a matter of  
self-interest and expediency.  
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of principle and conscience  
but a matter of compromise  
and expediency. I am sure  
it is not a matter of duty  
and obligation but a matter  
of self-interest and expediency.



Looking over the  
land from the  
top of the mountain  
I saw a beautiful  
view of the valley  
below.

The great  
valley was  
filled with  
green fields  
and  
small villages.

will you please tell me the names of  
those just mentioned. I am still without  
a work for analyzing ferns. Will you be  
kind enough to <sup>write to me</sup> tell me the name  
of no 1. 2. 3 & 4. <sup>I think is Lepid. marginata</sup> <sup>and a fern</sup>

They (1. 2. 3) were collected near Minnegan  
Springs, while I was at Canton Pa. <sup>the moss</sup>  
4 is from Watkins Glen. The moss  
and maiden hair came from Buttermilk  
Gorge at Ithaca - Perhaps you have  
been there. All of my specimens from Ithaca  
falls were left behind and as I cannot  
send those I saved for you which I regret.

My "photo" you will find enclosed  
among the ferns and could it speak  
would give you friendly greeting, with a  
warm grasp of the hand. This picture  
is considered a very good representa-  
tion of me, and was taken this  
winter. Though I scarcely think  
you would recognize me should  
I walk into your store some day  
a year from now, or should you

Englewood Lock Co. Ill  
3<sup>d</sup> 15<sup>th</sup> 1877

My dear Mr. Lavenport

I must  
beg you to excuse me for pro-  
crastinating as I have. Not even  
acknowledged the receipt of your  
*Polypodium falcatum* for which  
I was very thankful notwithstanding  
my apparent ingratitude.

I found it here upon my arrival.  
Your letter and card found me  
at Morrison and visiting and  
being half sick must be my  
excuse for not sending my thanks  
for the above mentioned favors.

I have a *Polypodium*, a single  
specimen which was given me by a lady  
from Oregon, very much like this





find me in the woods some  
day with my arms full of  
Woodwardias. I have will find a  
few Polypodiaceae in the, p. 12  
came from the Coast range, near the  
bay. Just south of Mt. Tamalpais  
~~that is~~ the large one, <sup>was</sup> ~~gathered~~ 13 is from  
the Sierra Nevada range, near Brown-  
ville: those in the small paper  
are from Beville too but a <sup>five</sup> couple  
of miles distant from 13 and where  
the altitude is perhaps a couple of  
hundred feet greater. The other  
ones are old acqu. antance of you  
and from Brownville excepting those  
with 9815, which came from Yosemite  
Valley vicinity.

Hoping this will find you prospering  
beyond your wildest anticipations, and with  
many good wishes for the future I am  
sincerely your 'botanical' friend  
though a feeble one. E. C. Gellton

Bolinas Maine to Cal

7<sup>th</sup> 10<sup>th</sup>

My Far away but not forgotten friend  
I once more renew my pen to  
chat with you in this one sided  
manner, and wonder if you will  
be obliged to look at the end of  
my letter to see who it is from.

Many times since receiving yours  
of march (I think your last was  
write.) I have thought I would  
write, but only waited to have  
something worth writing about, and  
now I take my pen feeling that  
I have nothing of interest to say.  
But wanted to let you know of my  
whereabouts—presume you recognized  
the roots sent a week or so ago as  
coming from me, and so knew  
that I was in the "land of the living."  
no one says of the old man, when

I put in some dry polypodiums - it is so late here I find none but dry ones) thinking you might study the veining from them easily. I noticed one, having united and free veins on the same frond. One taken from the same lot of those I sent you. I sent to Dr Kellogg and he pronounced it P. Californicum. I have some more dry ones gathered in a ravine four miles from here and will put them in when I send you some others that I am going to put up for you. Any of any use to you? I wanted to see Dr Kellogg when I came through the city but was with friends who rushed me to the Cliff House, giving me no time for hunting up what I wanted to. I did not have Dr K's present address and could not see him. I have it now and hope to see him sometime at the Academy of Sciences. I hoped to get the ferns from him you spoke of to me, and wrote him about them, but he informed

2<sup>nd</sup> and lies in Denver I was in Colorado thirteen days and would like to spend an entire summer camping in those beautiful spots. If I could only play that I was one of the Utes I might make a good many discoveries. Perhaps I might better wish that I had plenty of means to spend my summer where I liked and choose my companions. But as it is I must think of my bread and butter and as I am here (seeking for a school) with a half sister, my nearest relative.

I made inquiries for that friend of yours Mr Wilson I think was his name, and found that he died during the spring or winter.

Denver is so far from the mountains that one has to make quite an effort to get out where ferns are growing.

The nearest point, I think is Morrison, a little watering place on the edge of the mountains. There

is a mountain rising six hundred feet  
from the hotel. This I climbed and  
it was there, that I found abundance  
of this cyrtopteris like fern. growing  
near the base of the mountain fringed  
as you see it, in may 17<sup>th</sup>, higher up  
it was not so far advanced, while at the  
top ~~they~~ <sup>it</sup> was just pushing out from  
the crevices. On the opposite side  
of the little ravine I scrambled up  
a rocky ridge, seeking for treasures  
but only found a few pushing out  
from crevices, and succeeded in  
getting a few. I sent you one or more  
roots, they are a little like that — oh  
I cannot speak the name, and my  
ferns are not here so I cannot  
refer to them. It is one that I never  
have collected till the time just men-  
tioned. Is it not schizae?

I was not in the "snowy  
range" so only found patches  
now and then, but could see  
plenty of snow on distant mts.  
Pikes Peak was covered and Longs  
Peak both could be seen from  
the same point. the atmosphere is  
so wonderfully clear. The have  
very clear air here: from my window  
I can see the entrance to the Golden  
Gate and the beach beyond, plainly  
when not foggy; and that is fifteen  
and eighteen miles southeast

The light from Point Benito is  
plainly seen nights, and the fog horns  
distinctly heard warning benighted  
mariners from the rocks, within as  
well as without the Golden Gate.

We had the pleasure of seeing  
a whale last week - the first one  
I ever saw - one of the small variety  
known as a California gray, sixty  
five feet in length. There is  
much to interest one here on the  
coast - but I forget, I am taking  
up your valuable time, and so  
will draw this too lengthy epistle  
to a close. I am so glad you



are from Russian river vicinity. The Dry Pines and Polypodium are Polina's species

sent me *P. Scouleri* for I never had seen any of it. Your specimen of *P. folcatum* I think is the same of one given me from Oregon the print so printed, is that the only difference. Kind regards to my botanical friend.

Respectfully yours  
E. O. Felton.

The Mrs Merrill you have mentioned once or twice may be one that I met at Brownsville. I think, one year ago last winter. There was a gentleman there with two other gentlemen looking at mines - they visit - Hansonville and remained over night at my cousins, and the Mrs Merrill appeared interested in ferns enough to take down the names of one or more that he had found, and with which I was acquainted. He was from Boston and I regretted so much not having asked if he knew you.

Later I have put up a pkg and sent a few poorly pressed ferns I found that I had

me that he had none, kept no specimens - gave them all to the Academy.

But I have not given up all hopes yet, may come around the old gentleman yet. Wait till I get hold of something rare then he will exchange perhaps. Here I find *Pteris aquilina*. *Polypodium*. *Adiantum Chilense*. *Hymenogramma argutum*. also the lady fern *Aspid. monitum*, and in one place only, *Woodwardia*. You see we have not a great variety.

Did you get the note I sent from Colorado? I hope you did, for I did not find many ~~and~~ kinds and only two abundantly. Oh wish you could see those wonders - the mountains - had I gone one month later I would have brought more treasures away with me, but it was too early. One ramble I took of three miles, over the mountains where we could see Denver eighteen miles away I enjoyed so much.

Delphinium was in bloom, and stood  
up boldly in the breeze. Tulips were  
just coming up. Crocus in abun-  
-dances and a number of other  
flowers were out. I found an  
abundance of one fern, Cyrtopteris  
or Woodwardia. I was not sure which  
it was. I gathered a good deal of  
it and sent you some of the roots  
in May, the latter part. The week  
before I had been down to Manitou  
Chew I found a few Chilanthes  
a couple Pellaea, and in going  
up Ute Pass abundance of what  
I took to be Notholaena. Oh how  
wild I was when I saw the latter.

I clambered up a break neck  
rock - could see tufts of the ferns  
way above my head on the face  
of the rock that I could not reach.  
Brought away my hands full, but  
they are so brittle, half were ruined,  
and I could get them in my book.  
Did you get the roots I sent?  
I am provoked with myself that I  
did not stay longer in the mountains.

and I sent  
you some roots from  
the rocks below the "Devils Lockett"  
also some Chelanthus obtained on the  
way. But for this long  
digression from home, you can  
read much better description  
than my poor pen can give.  
if I only had the means to travel  
all I would like to, I would be  
happy. Why is it that those who  
do enjoy seeing new places and  
beautiful things are depressed  
that enjoyment, while there are  
many who have ample means are  
content to sit at home and see  
nothing. I ought not to say  
and do not though the above looks  
a little like it. I have seen a good  
man in the last year  
and am little better for  
visits in the future. To unfrequented  
inaccessible, and  
even to the Sandwich Islands. I  
health and school will permit

all of  
I fear it  
will be  
Marked  
the  
you  
7  
Cal. exp.  
Hy dra Solar ear  
It has been 20  
long since I have sent you a letter,  
that I feel quite stranger like as  
it has been in laps to chat with  
you through back in my  
old home where our acquaintance  
first began. Your last letter reached  
me at the springs in the  
Coast Range. I deserved a  
response before this. But I put  
off writing till I got where my  
pens were, and now I am going  
to do what I promised.  
I have been moving around  
a good deal in this last two  
months, and I can only wish that  
you as well as all lovers of natural  
scenery and plants could



with me - or could make the same  
I have made. I spent near  
three months there coming  
to Marysville staged <sup>back</sup> to the coast  
range, on a stage ride of eighty  
six miles to Bartlett Springs, from  
which I sent you a formidable  
looking package of ferns.

I hope you were not frightened. I have been sure at the time of their being a demand I would not have sent a word since I have looked again at my *Ghulanthes* & feel confident that I sent you a million of *G. denca* to you. I can supply all your correspondence with enough any more.

had been so long since I had  
seen that Chilanthe that  
it is much and if could not see  
the fruit very well I was deceived.  
Then in color they are so similar

I have never found that Petta  
in but two places, and never so  
abundant as near Snapp Creek while  
at Bartlett. While at the Springs three  
of us penetrated sixty miles from  
into the range. We came out in the  
valley of Clear Lake, into the lovely  
valley of Lake, entering the  
range west of the lake, again, and  
after crossing a couple of ridges and  
going down a deep, narrow  
found the headwaters of Sonoma  
County. Wonderful they are boiling  
coming out of the side  
hill with hot gases or rather  
steam mixed with gas.  
A lakelet about eight feet <sup>long</sup> wide  
and four feet wide of bubbling  
spitting boiling hot water.  
This is this canon.  
brow of a hillside that is so hot  
that your feet are not portable  
are quantities of steam.

and in fact you  
with kind regards to  
Cher and others, more certain  
myself. Before this I  
only got up no lunch and  
largest are of them I have  
two small ones here. Truly  
kind these much as this letter is  
sent, while the variety sent  
from here you take care of  
re all so much.

Some of these that I now send  
and I have gathered I  
hope you will make some of the roots  
live that I sent from over there.

By the way did you get some  
unusually pressed for  
that I left to be sent you? There were  
some that I found just before  
leaving that differed from those  
gathered. I wanted you  
to have them. There that I have here  
seem to have an indurium but  
I may be dried up so there are quite like  
get look like espidiums. Carry them  
the lady fern. I got them in a wet place  
and you will notice what a peculiar way

Who could resist such an appeal  
and I wish  
so much I could lay my post office

and spread its contents  
before you but as that cannot  
be done I will do the next best

specimens to you  
and you can return to Colorado  
if you find anything

part of it. I think I had  
sent you *Woodia* and *Yucca* ter-  
restis, their growing roots  
we think that possibly they

one, I have seen the  
difference in the  
I have, which I know  
that this year you will be the  
same, I am very sure

have reason to be quite sure  
and dare not rely upon my own  
I think that I sent  
the root from which I broke a  
fund to you B.C.

Healey. Suspension Bridges, 14.  
and if you find nothing here  
which corresponds with the  
questionable Woodia, I will ask  
her to send you the specimen  
sent - or you can ask her,  
she will readily comply.  
I request as she knows you through me.

Woodia Tellow sounds quite  
uncommon. I never saw the other names  
and I should feel obliged if you  
sent a few. I am greatly delighted to find  
a few of the plants  
I should be named from some of  
them. If they have any.

I wish to send you some  
more of that C. septentrionale. I  
have two or three specimens and  
if you have lost your only one I  
will give you one of mine. I get every  
year a few and tried  
to save the best of them.  
Tell your friend Mrs Merrill

to look in the region of the  
rocky ridge of the hills. It  
is as the water is common  
going, from the river. It is only  
a few miles from Denver.

Now he left he will find  
Cyclotaxis and, ripodaria,  
and I am sure there with plenty  
of them. I am sure you would not  
get a lot of them later. I am sure  
I have a beautiful little thing  
which is the one that I am sure  
that I am sure of. I am sure  
it is the only one I have.

I have a word about my  
great range ferns. I send you  
some Chalcidius pressed, I am  
sure, which I have at Boulder  
Springs. It is as the water is common  
the summer. The ground is  
very dry and I am sure  
Some are very hairy, some

of their own, then have of folding  
up their prisoners

I am going to send you a bundle  
this till you will be as soon  
as I can get them after our rains  
begin. We usually have a pleasant  
spell, and then rain falls

I am going to be located in  
an entirely new section the next  
week, months, ten miles north  
the valley, and two or three  
hundred feet lower altitude, than  
this place which is twenty two hundred  
feet above sea level. I will be  
near Dry Creek and hope to  
find plenty of furs. Though I  
fear a sprained foot got in Bolivia  
will prevent me from rambling as  
much as I will want to. I have  
said it is a mistake. I have  
been getting well though I  
was not near

I begin school the

October

and though I am two miles from  
here you may direct your next  
letter to Brownsville, as I do not  
know how I shall get my mail  
in my new home that is to be. I  
think my school is now  
moving from the office, but my cousin  
can send me letters easily  
by carriers passing, and then I  
shall be here often.

Thanks for the  
new fern book. I shall  
though it is going to be quite expen-  
sive, and I had have some  
fun. I can take with me, playing  
in the front as I do. Wont you please  
tell me what the name of the  
Chulanthes family is? I am unlike the  
other members of  
that family, I read in some old work that  
that and Villars were once in the same

You wont complain of my being  
if little I think I wont be  
you by sending you that  
lot of drug & disease I did not thought there was  
a chance of its proving to be a Chulanthes  
I have sent so many. I heard all that I could  
I thank for your good letter for which  
I always learn something. I remain  
to hear from you soon again,  
I am ever yours & sister



by which we could be managed;  
I could pay part though not more  
than a fourth of the two thousand,  
can't get some apartment, some-  
thing not laborious - entertaining the  
parengers come to think I have not  
good domestic gifts or nature, or  
botanist - &c he is a good worker &  
my knowledge was not very great.

Oh dear! I wish I could go! I'd  
send you lots of nice specimens.

Do excuse me for all this talk  
about myself, you'll think me a  
"garrulous" old woman. I am fast  
(approaching forty) am sure. 4 b

approaching forty), I am sure.  
I went to Brownell's two weeks  
ago, and sent you a memento of a ramble  
among the rocks. Did you get my box  
of cheslanthes? I have some pressed ones  
up there for you, and will send them  
when I go up Christmas. Tomorrow I take  
a ramble on that rocky point that  
I wrote you of visiting two years ago.  
Come to think it is just two years.  
I mistake not since I wrote that first  
Sunday A.H.

I made the visit planned, and have  
found some gracillimas I did not find  
the rocks as beautiful as on my previous  
trip. We have not had as much rain  
the past fall, and the maidenhair is not  
near as advanced. The Cystopteris is  
not perfect yet, as I would not gather  
it but will go again in about a month.  
There is very little of this last, too fact



thus oblige a country landholder.  
I won't limit you in price, but  
suppose it won't be over two  
or three dollars. and if I can get  
some paper money will enclose  
some in this. If I do not send  
any (it will be because I cannot)  
will you be so kind as to advance  
the money, and send the glass  
at once, <sup>to Kensingtonville</sup> - for I want to very much  
and just as soon as I can get  
it I will forward \$2.00 and if it  
costs more, will make it right  
as soon as I hear from you.

So much for Christmas and sitting  
in care -

Did I get your letter? So  
be sure I did and was glad to  
hear from you. and accepted  
the gentle rebuke. (though none  
may have been intended.) I did  
not mean to complain, and  
when I compare my lot with

many of my friends. think I am  
highly favored. Indeed I have  
been favored all of my life, far  
beyond my deserts and far more  
than most orphans are.

Adopted by an uncle, and  
cared for by him as his own child.  
I was brought up in comfort and  
ease. But he losing his property,  
or rather becoming greatly im-  
barased a few years ago. I went  
to teaching. My uncle died four  
years ago, and though I have  
many friends who offer me homes  
I prefer to be independent, and  
as can gratify my longing for little  
trips now and then to spots, I desire  
to see. Just now I am thinking  
so much of that trip around the  
world on board of that ship I  
forget the name, and if I only  
had the means would go quick.  
Don't you know of some way

50  
The new is growing in but  
this one spot, hiding under  
a shelving rock, in ground of  
the cascades near. I'm weary  
to-day after my horseback ride  
of eight miles, and climb over  
a rocky hill side. There were too  
many yesterday, and I did not  
find *Chilanthus* plenty, and my  
friends hurried me, so I don't  
feel satisfied with the result of  
our ramble. I will go alone sometime  
and get you some nice roots if possible.

*Chilanthus* grow in crevices where  
there is not much soil. They  
appear to like contact with the  
rocks, and the roots are quite difficult  
to get.

Your friend of *Botrychium*, I  
never have found any in this  
state. Should be glad to read  
your article on *B.* I should  
like much to have this new

work on ferns, that is about  
to be published in numbers.

The prospectus does not state  
when the first number is to be  
ready. I could get one or two  
perhaps, to subscribe, but you  
is a couple too many.

Winter, no doubt is flinging  
his mantle over your landscape  
and possibly your hills are wrap-  
ped in snow. By this time, while  
here, everything has still a  
summery look now and then  
a tree with autumn tints is  
to be seen amid our evergreen  
hillsides. Once in a while, a frosty  
wind reminds us that winter  
is here, but still one hardly credits  
it when surrounded with blooming  
roses and trees clothed in summer  
dress. Please send the ferns to  
Brownsville, those you spoke of sending  
and the glass if it will not be too much  
trouble to get it for me. I expect to be there  
during the holidays and bid you gratefully  
yours E. O. Tilton.

the window outside, smiling  
upon the incoming year.

Thanks again for your  
remembrance. I did not  
know that I had a poet-  
friend at the "Hub", but  
I congratulate you for  
your success in use of the pen.

Good by, and a Happy  
New Year - Very many  
of them.

Sincerely,

E. O. Tilton.

You won't require a  
magnifying glass to read  
some of this. I have had  
quite a trial with pens -

1  
Brunsville, 12-28<sup>th</sup> 1877  
My Dear Mr Davenport  
Mum

valuable package came to  
hand to day and many, very  
many thanks for the contents.

I prize the paper on Botrychium  
very much, and appreciate your  
kindness in remembering me.

The glass came the morning  
after Christmas, and is just the  
thing. It gives entire satisfac-  
tion. I can assure you, both  
to myself, and to the friend  
who received it. And I feel  
very grateful to you for taking  
time to hunt it up, and  
also for the confidence in me  
in sending it.

Enclosed, please find the

the balance due, \$1.75. I can  
only come near to the change  
as we do not often see postal  
currency. Don't trouble please  
about the extra quarter. I presume  
you spent some on car tickets  
as it is all right. And I want  
to say again how thankful I  
am for all your kindness.

The ferns came safely,  
and what a lovely little thing  
*Notholaena dealbata* is! How I  
would enjoy finding it. But  
I think it is too low in the  
foot hills for *Notholaena* of any  
kind, don't you think so?

How I lament my carelessness  
in not getting more of those  
Woodwards. It is as easy to see  
how we might have managed  
when too late to remedy the  
matter.

I want to tell you of

a present which came to  
me these holidays. For I know  
you will congratulate me in  
your heart. The <sup>1st</sup> <sup>volume</sup> Botany of  
California by the Geological  
Survey - a six dollar  
volume - so you may know  
it contains some reading.

The stage is expected  
momentarily, and so I  
have no time to write.  
Excuse haste, I wish I  
had more time to write.

I am going to send  
you some pressed *Chilanthum*  
within a week, unless I  
delay the package in  
order to put in some new  
ones now growing a mile  
from here that I am going  
for this next week.

We have no snow, and  
the roses are blooming by

momentarily expecting the stage. I  
well remember beginning it at night  
and owing to an interruption by company  
could not finish it, and in the morning  
completing it with three or four hurry-  
ing me up, so the stage was due at  
eight or near that. I thought of  
writing again as soon as I should  
get back here, but my resolutions  
have ended as so many do. I was  
much pained with the glad you re-  
lected. It is much more painful  
than mine. I must apologize for  
not sending the package I promised  
and I have no excuse to offer but  
that of procrastination. I did hope  
to get some more *Chilanthus*  
while at B.ville but I was <sup>marked</sup> sick  
when I went up and did not  
go out on any rambles. I expected  
to make a visit up there this  
week, but rain has prevented.  
but next Friday - if not so rainy -  
I shall go to my son's and will  
then do you up what I have  
and send them along. Excuse me  
please for not doing as I promised.  
I'll try not to do so any more - till  
next time, maybe. Of you

1  
H  
Osgood Lane  
Salem Oct 1-19-78  
My best of botanical friends  
Your letter  
of the 8<sup>th</sup> inst. has just reached  
me and now can I make you  
understand how I value your  
kindness in reference to the Fern  
Book. You are very kind and  
of course I will try, thanking  
you heartily for the interest  
shown and in the many ways  
you have since our first  
acquaintance began.

I am sure of one subscriber  
for the Fern Book and have  
no doubt but that I can  
get one more to begin with.

I judge from your letter  
that the first number has appear-  
ed, is it so? Have you it?



How could you think I had  
taken offence? No indeed never  
fear that I shall at any joke  
on age, or anything I think you  
capable of joking upon. It  
was haste that caused me  
to overlook your penciled note.

But still I alluded to my best  
friend and that was the  
letter referred to L. guess. Had  
I been overly sensitive, I should  
not have mentioned my age  
probably - No need of telling  
you that I was nearly forty  
when you were not near  
enough to see the "crows feet".

So I beg of you not to fear  
that I shall "misunderstand" you  
or be on the lookout for some hidden  
meaning. I think we would be  
very good friends were I near  
you, (did I not annoy you too  
much with my ignorance) and

you would let me come and study  
your specimens, or botanise with  
you now and then. How few ever  
realize the "dreams," of their youth  
and yet "chide the cloud the sun is  
still shining," and "into each life  
some rain must fall."

I am very glad if by giving  
you a glimpse of this land of  
sunshine - just now it happens  
to be of mind - I have ever driven  
away the "Blues" that dismal of  
all diasmals. I guess none of us  
get along without those blue tints  
surrounding us now and then.

You have blue glass in Boston  
do you not? Have you hung up  
a price in your gallery? It might  
revive those drooping feelings you  
mentioned as struggling for existence.

But to come back to my last letter, I  
think if you will look at it again you  
will find that I wrote hurriedly, and

to Brownsville and I am too apt to  
write too long letters to my friends  
when I ought else to do.

I do not remember whether I said  
what I ought to of my returned  
Colorado friends in my last letter.  
I know that they came safely. When  
I get time I shall arrange to

No fear of your  
losing this miserable correspond-  
ence - no such good luck  
has he as going around the  
world - but she wants to, and  
would willingly take his part  
if he could. I was hardly  
in a better mood. I spent  
some very delightful days  
at her home when east and  
west were in a bad way.

Thanking you again for your  
pleasant letters, prayers and  
an eye, I am indebted to you  
for I will say good by to  
the present

Love from the Colorado  
country

5<sup>th</sup>  
I particularly desire any specimens  
from this locality (altitude  
about 21 or 2200 feet let me  
know and I will be most happy  
to send you them. Our Higanita  
is in bloom. I wish you could  
see a bunch as it stands amongst  
the pine and birch on the hill side.  
We have had delightful weather  
until the past week, but Wednesday  
a storm came that made my horse  
stagger (by the way I ride to and  
from school) under me. The  
wind blew furiously, and the  
rain came in torrents. A large  
tree fell across the road, one  
or two minutes after I passed  
the spot, giving my nervous  
horse quite a start. It was  
fortunate for me, and for you -  
as you would not get that  
package of Philanthus - that  
I was riding rapidly on  
the "Cape", as Californians say

But I must tell you of the lovely rocks that I pass daily. They are covered with lichens - a dozen different kinds on some of them, and "boulders" with *Gymnogrammeae* and mosses. Would you not like to rest your eyes on one in the midst of your *Ulick* Panway? I wish you could. For every storm they brighten and look at me in such a human way that I feel uncomfortable reminding me of stoofish. They are alive I shall believe.

I have you to thank for a paper arriving with your letter. The Bulletin I have read it with interest - and am sure that the package of *Chelonia* - that I lost at the hotel at Bartlett Springs was *C. vicina* may possibly have been retailed. I wish I were indeed a creature who could fly at times to the canyons and scale the mountain heights. I

would bring home trophies that would light up the eyes of the "wise men of the east." You at the Club for instance. But I am only in the foot hills; at my canvas there is a hill that is four or five hundred feet above the bed of the creek - and no ferns that are rare, to be found on it I do not believe.

How exact those drawings are of your *Botrychiums*. I think number 17<sup>th</sup> must have been copied from me. I have here. Did you visit my collection in the night in the spirit for it?

I wish I might find some plants but I look in vain for them here.

I must bring this too lengthy epistle to a close - excuse my saying so much that is of no interest. But this is my leisure time - when I can write.

to make passable specimens, any of the years since  
that I could send in the way you suggest.  
I know of no one at Bartlett Springs that would  
know where to find any of that Chinlanther, &  
might not be able to find any more like the one  
but oh I had, and the bewondering Chamberlain  
carried off. But if ever I go again, shall visit  
the rocks, not assured. Your wings, not of a dove  
I want an eagle wings - they are strong & wide  
take me to cliffs beyond the reach of my weak  
hands and feet. I wish you could see our  
front flower. The plant stands up in the night  
and by sunrise the following morning a two  
three inches high. In riding you will see a hole for  
of white trees and, as the size of a  
lives and lower, finally  
be represented, is a few feet. My concern to send  
me for writing this long letter, when I have as many  
unanswered letters - older date than yours - but I could  
not let this few (strangers should be attended to) be neglected  
in my desk.  
So here I put  
the writing on  
and send it  
along, early in  
can cut it up  
Sincerely  
yours  
E. O. Johnson  
3-18<sup>th</sup> 1898  
Zuba Co. Cal  
Dear Mr. Davenport,  
And have I at  
last found something to make you  
open your eyes? Is it a *Chilanthis*?  
It looks like my specimen of  
Californica - but I have not them  
here and so cannot compare. I have  
not seen it growing, but know where  
it is to be found, and so am sure  
of a lot of it. Yes, you shall have  
some when I make my raid into  
the edge of Seattle County. A friend  
has just brought me this, and  
in two months I shall be out of  
school and then over there I go.  
But I don't think I will have  
to wait as long as that, if specimens  
are kept & shall have a lot brought



to me. Did you feel your ears  
tingle last Saturday? I always  
think of my far-loving friends  
often, ferris, and last Saturday  
I had a genuine tramp over one  
of our hills, and such quantities  
of *Silene antromedaeformis* did I  
see, that I wished all my friends  
were there with stacks of magazines  
to carry away treasure in.

I must tell you that I have a fine  
lot of *Silene* Gymnograms and  
*Cheilanthes* for you and will add  
to Andre's - Did you get the  
roots I sent two weeks ago?

I had just been to "Rocky  
Point," my old, lovely spot that  
I wrote you of long ago, and  
came home laden both ferns  
and posted you a few with a  
bunch manzanita flowers.

Lee can send you a  
care of manzanita wood, but

not at once. It ought to be  
seasoned before shipping, but I think  
I can get it there by the time you  
need it to lean upon to enquire  
your hollering steps. I am begin-  
ning to feel shaky already, but telegraph  
and I will hurry up.

I have rec'd Part 2<sup>nd</sup> but not Part 1<sup>st</sup>  
of the Fern Book. I like it, still I think  
they waste too much paper. I have  
one subscribed <sup>and have sent the number</sup> to you and if they would  
take one for a part, one for five  
numbers, and possibly more than  
five. I am ashamed to send  
you unpressed specimens of our  
ferns, but you shall have a good  
package by May. And I must  
tell you that I descended to the bottom  
of that ravine and brought away  
some more *Cyrtopteris*, so you  
will find a few of them, though  
only a few, in the coming packet.  
I doubt if you could give so as

Accept, please, my sincere sympathy in your bereavement. I know from sad experience what it is to lose loved ones, and how hard it is to live without that loved one. But time helps and the Good Father loves us all the same if He does bereave. Oh what a lovely world this is in spite of the heart aches coming and going each year. I presume you are not quite released from the chilly grasp of winter while we are out in the lovely spring, spreading away toward the summer land. How I wish you could see some of these ravines. Why is it that those who would enjoy beauties to the utmost are so frequently denied that gratification. I believe you one of those who would enjoy entirely the beauties of this country. I must tell you that I have just had a visit from my highly prized friend John Wimer. He is such a different man from the ordinary man. Pure and noble.

Cal  
Bolinas Marin Co  
Mar 18<sup>th</sup> 1899

Dear Mr Davenport

I had no idea that your letter of the 4<sup>th</sup> of Oct would lie unanswered till March - but it is even so. and though not quite six months have elapsed, it seems to me as though a year or more had passed away. I was taken sick in Dec and for three weary months passed my time in the house (with one or two rides, at the latter part) and for over a month in bed. Lung fever laid me up and kept me very weak for a long time - But I am now again taking interest in my old pursuits and have



finally got around to your letter - when I have been longing to get for some time. My botany has the most of interest to me now of anything, and I find myself wishing I could see you, and ask you so many questions. Your paper on *A. spinulosum* was read to me by an affectionate cousin while convalescing. How dear you make your descriptions. I wish you would write up our California ferns. There is such a lack in giving peculiarities in the California botany, do you not think so? You, not being familiar with our plants, would not notice the lack as much as we do still it is very evident. Prof Eaton makes the *Adiantum* growing here *marginatum* in the last fern book, and it corresponds fully with his description. I had supposed it Chilean

but have not been able to compare any of my *Gula* specimens as I have none here, presume they are Chilean. As I have not seen *A. pilosum*, but hope to get some from a lady in Santa Barbara Co. as she writes me that she has nearly all of the Cal ferns and wishes me to send the Cal.

I am going to get some *P. falcatum* and *C. Cooperae*. Do you want a nice specimen, or are you supplied.

How is *Polypodium* coming out? Are *P. intermedium* and *californicum* the same think you? Have you given up this study?

Did I send you *P. Scutleri* which I found on Point Reyes in the fall? My how thrifty it grows there, thousands of it! I was there last fall. It is <sup>only</sup> thirty miles from here.

Your studies must be a great help to you in driving away sadness.

Franklin for the papers respects you and  
the few plants I saved from you. I will send you  
a specimen of a  
the falls  
as you  
re-  
quested  
when  
I was  
there.  
You will have the  
treasure  
remember  
that they  
were  
mistaken  
when  
I left.  
My  
cousin  
brought  
them to  
me  
in  
1852.

Do you remember the *Pellaea* that  
I sent you from the mountains, quite  
unlike *mucronata*. was it var  
*brachyptera*? What is *P. longimucro-*  
*nata*? I saw the name on a new  
catalogue.

I wonder if I told you that I went  
to Santa Barbara last Oct. I do not  
think I have written you since then.  
I found *Cherlanthus Californicum*  
here, and tried to find Mrs Cooper  
but she was east while I was there.

Now I shall hope to hear from  
you soon. I am going to Gula  
County or to Oregon or some  
place else this autumn and if  
you do not send me that

promised letter (You said you  
would write again in your last)  
I may not send you any of the  
fine, rare plants that I may find

You see how very expecting I  
am beginning the year is beware  
for I know you want some of  
my far away treasures or will.

You ask how I came out with  
"Ferns of N. A." I got four names  
but the fourth was for five numbers  
and, I do not know whether he will  
take the rest or not. I have not  
heard from him since. Last summer  
I have received the numbers up to  
the present time however.

Excuse my long letter if it seems  
long to you. and good bye for  
the present.

Truly Yours E. C. Petton.

Old paper is here. I regret that this way. Market St. is swept clean, I think, each day. I am back with my chair here for a time, and you may send your next letter to this place. And should you send me a package, as you did with a month ago, put it later to Bolinas. I am in good luck. I have a cut a fine suit while away, and have held out strong evidence for me to get into it. I hope to get into it. I may go again here. I came back by way of Victoria, stopping in San Francisco, August 18th.

J. GIBSON,  
1827 Market Street.

Dear Mr. Gibson,  
I am wondering how long ago it was that I wrote you, and tell, I cannot. I find that in moving about as I do of late that my memory fails to attend to its duty. This trip north has filled me with many pleasant memories, and I have sent off numerous packages of lovely mosses, with now and then a fern root and pressed specimen, with postal card more frequently than letters; and now I cannot recall to whom some were sent. I know I mailed more than one package to you, but whether a letter was written I cannot tell and did I send you a delicate fern somewhat like a phlegopteris? I found some resembling aspidium argenteum but so delicate, now like the phlegop's, fruit not well developed, and meant to send you some with the Lomaria. It grew on logs near Seattle, and in Linn County Oregon. The Lomaria in Oregon and

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near Olympia W. T. I believe in every place that I gathered  
it. I found it on logs. Those specimens from Seattle were found  
in a hollow on very moist ground. You were with me many times in  
my rambles this spring, and I wish you could have enjoyed  
them in reality. I sent you a package just before leaving Seattle  
(the latter part of June) you must have about all that I gathered.  
Tell me what I sent and if you have not all I will try and see  
that you are properly remembered. For I know of no one who will  
appreciate my specimens more than yourself. How much you  
remined me of my *Tardus* about that time. I trust  
you will be as slow in acquiring it as I have been in getting  
them not in a section where *Manzanita* grows and have  
not been since last summer. And in the fall I am glad to see  
about getting and for me has been getting married for the past  
year, and he was excusable for forgetting it I suppose. But  
recently I have asked another to get me one and I think  
I will get it by Christmas, say. How don't you get bent and  
rheumatic before then, will you? You must save yourself for the  
trip you are to take out here some day. For you are coming.

I want to thank you for the pleasure you have given me in that Col-  
logue of yours. You do feel highly gratified with the result of your labors.  
I think you will find it well worth the effort, and only can ask what value  
of it may value it as much as your humble correspondent. I have a few  
friends who wish one and have sent your address, and with few who  
send me letters with two names which I am requested to forward.  
I have done up a few mosses, keeping like numbers, and if you  
will be as kind as to give me three names you will much oblige.  
There is one from a few a friend found in the Cascades, and  
she sent this to me wishing to know the name. I took it to be a *Woodia*, but  
with her are from the Dalles, Oregon near the city. Mosses from Wash. Ter.  
Keep them all, as I will know from the numbers which is which.

I promise you some *T. bealeri* this fall, if I keep well. I intend visiting  
Point Reyes inside of two months, and wish I could send you a thousand  
if I could. I believe I am going to find *T. vulgaris* there. What do you think of it?  
Are not my Oregon species *T. vulgaris*? Did you ever notice the flavor of this? It  
is called "gopher root" in Oregon and it is quite like it. And then as well  
as in Wash. Ter. it is found on trees more frequently than on rocks. You will see it  
way beyond your reach as a moss covered tree as you pass on the R.R. road  
and I have no remembrance of finding it on the ground, and only in  
Sears County, O. in clasts of rocks. We do have *T. vulgaris* of both in large  
rocks & growing on trees. Have you ever seen a rock flower called *Calypso*?  
I found it in Lynn Co. and in Wash. Ter. near Olympia. It is quite  
pleasant in the latter place, and oh how beautiful it is. A very few of the  
mosses I have been having sickness in your family - how sorry I am. I hope you  
are enjoying health, quiet and rest in this, and wish you had a steady  
camp that could transport you to one of our mossy woods on rocks  
anywhere, if then you could regard in how to you heart's delight. I hope to  
see you soon. Your friend, C. Peterson.



or more miles from B. ville -  
 and it was an Reffidium.  
 but what variety. I cannot  
 now say. I have one at B.  
 and I think when I go up  
 there I will have to send you  
 a package to test at. and  
 see if you find any thing of  
 interest in it. But - don't  
 lay too much stress on the  
 locality Mrs Hawley thinks  
 her plants came from. My  
 friend is careless. She is one  
 of those who - if you tell her you  
 think it is so and so, writes the  
 name without more questioning.  
 I like to be sure - to know a  
 thing, is quite different from  
 thinking it so, with me.

I will inquire about a  
aculeatum of Mrs. Knop, but  
she is east now. I wish I

could step into your study and have a chat over  
you and my farm - it would be a great  
style of conversation.  
I shall be  
here for a month  
but mail  
will always reach  
me directed either  
to New or in Brown's  
care. P. O. as near  
as possible when  
you have  
anything to say  
I am always  
glad to hear  
from you. I have  
20 miles from  
as yet.  
Very truly  
yours  
C. V. Victor

Sept 14<sup>th</sup> 1899

Dear Mr Davenport

Enclosed  
you will find two funds - the  
only ones I can at present put  
my hands on from my Baileys  
Springs collection. These I  
sent to my cousin here and  
she kindly lets me have them  
back again. I have a few funds  
packed away here, and as  
I only came up from the  
city yesterday, I have not  
been able to look over my  
packings away of last spring.  
Still I have no idea that  
I will find any of them here.  
But if I do, will forward some



more inside of two days.  
Most of my ferns are at  
Brunsville and I do not expect  
to group them inside of a month.  
and I do not like to have any  
my hands over my plants. Then  
I am not by.

Prof J. C. Eaton has just  
written me requesting a specimen  
saying that Mr Taxon was drawing  
a specimen collected by me, and  
Mr Eaton wishes one as well  
as C. Fendleri for himself.

I shall send him some later.

If you can get along  
with this or if you do not  
need them until I can  
go to Brunsville I will  
be glad to send you some  
with roots - if I have them.

Since I came here  
I learn that Pinto Reyes

has been burnt over  
and I fear "my fernery"  
is ruined for this season.

But I think I shall go the  
first of next month and see.

I fancy, as you do, that  
*Chilanthus lanuginosa* got  
mixed with those Cal. spec.  
of Mrs Hawleys. She is not  
the most careful in permitting  
others to handle her specimens.

When I was there, her books  
with loose ferns lay in the  
parlor in plain sight, where  
a caller could handle  
them - and it is very easy  
to misplace a fern - by one  
who even thinks he knows  
where he took it from.

Mrs Knox and I had a  
fern given us that was found  
at Fall River some thirty

the falls of Fall river, that  
I think is the same. I saw them  
and meant to have had one  
but it was sent to Mrs Hawley.

You will find a *Plypodium*  
from Point Reyes - is it false?  
The specimens that are common  
here, but some of the others are  
like, as I have sent you all  
I have or the best. Please  
notice the *Aesfidia* - the small  
ones from near Quincy and  
the Bolinas spec's. I hardly  
know what I have put in  
the pkgs and have not  
time to take them out. I  
am so hurried. I only wish  
you may find something  
new in the *Cheilanthes*. I  
have sent Prof Eaton <sup>origin</sup>  
with this some specimens that  
he asked for as well as others  
that I think he will like.  
He kindly sent me his

Dec 1<sup>st</sup> 1879

Brownsville, Cal  
C. S. Leal

Dear Mr. Davenport

I am so  
sorry that I cannot send  
you a good package of roots.  
They are a mile away, and  
it rains. They are up at  
the Fox den in the hill side  
and it is impossible for me  
to go at present. I have put  
up the best that I have -  
robbed my cousins look  
as well as mine to send to  
you and Prof Eaton, and  
can only wish I had more  
complete roots - but in a  
week I may be able to  
go for some. I came last

week, and this goes with  
the first mail this week. I  
tried to get this off the mail  
after I came but was hindered.

I have put in all of my  
Bartlett springs Chiles this  
as I want you to return some  
of them. Take your choice of  
specimens for your study  
and for your coll. and  
for any special friends  
friends however. I think  
that I put (accidentally)  
two or three fossils of the  
B-springs coll. into  
the paper marked Fall  
River - please notice.

You will see that I have  
done as I said. I would  
send some for you to  
look at. I think you will  
find the Nevadensis.  
I took it to be that when

I got them in '98. and I  
have a fern that I take to  
be *A. aculeatum* that  
Mrs Kearney gave me in '98  
that he col- ing or near  
Thomas go. I will put it  
in as I have not tied up  
the pkg. I remember the  
one Mrs. Knox sent you. When  
we got home from our trip  
I saw the fern she had  
and asked her where she  
got it. She said <sup>in</sup> some place  
coming home she picked it  
but could not tell where.  
She had not noticed but  
that it was *A. munsturni*.  
But Fall river is some  
ways from here and it is  
too late to go this year.

But his brother found a  
couple - or brought out a  
couple from the canyon near

"Ferns of the North West."

I wish, I had more time, but have not just now. Will see in the morning if there is anything in your letter to be answered.

Tuesday A. M.

I have tried to get some roots this A. M. from a neighbor but failed, will send you some from the fernery here <sup>in the yard</sup> ~~in the house~~ but am not sure what they are or where they came from, as my cousin has set out roots that I have sent from various localities.

In haste,

E. L. Tilton.

Have had no time to look over your letters -

E. L. Tilton.

February letter about *P. folcatum*. I think  
it does not ~~remain~~ <sup>green</sup> during the winter.  
~~not~~. But I will write a card this day  
asking my cousin who has a natural  
magnificent "rockery" a few rods from  
the house. (The card is written.)

The root is very much like *liguicea*  
root, and the ply I sent you  
from the trees near here last fall  
tasted like the Oregon root. At the  
same time I sent Dr. Eaton some but he  
said those from here were not *folcatum*.

You shall have some roots before the  
summer is over and they shall be  
my peace offering. and from Oregon  
as well as here and taste for your-  
self. Pol. Clem has not the clear *ligu-*  
*icea* flavor of the Oregon <sup>slightly bitter</sup> ~~fern~~, excepting  
those from the trees a few miles from  
here. A friend who went to Point Reyes  
to preach a month ago brought me  
a few roots of *P. Scouleri*, called *P. 4*.  
I will send you one of the latter.  
I believe I sent you the frag end  
of my *P. Scouleri* in that last  
package. It seems impossible to

1  
Bolinas. Marin Co.  
Cal May 30th 1880

Dear Mr. Farnham

How dare you  
intimate that my friend has  
done anything wrong? I know  
of nothing he ever did that  
he ought to feel rebuked by any  
amount of packages coming  
to him. They ought to tell a far  
different story if read aright.

My thoughts last evening  
when I read the first half  
dozen lines <sup>of the note</sup> led me to exclaim  
aloud "You blessed man -  
for you are blessed with  
a too sensitive nature if you  
can think my long silence  
was caused by what you  
mentioned - and I hasten to



to explain. I sent the last package  
more for the purpose of getting rid of  
them - and thinking you would  
like them - as I was packing  
up to come away and my trunk  
seemed overburdened with  
plants. How can you think of  
blaming yourself when I told you to  
keep a goodly portion of them?

Now I must acknowledge how  
forgetful I am growing. I have been  
wondering why you did not write  
not remembering the letter which  
came while I was in the mts.  
and which must be in my trunk  
with others brought from there un-  
answered... See how it is - a broad  
sheet unstashed by far on the  
last page and a half snugly  
laid away with my ferns -  
instead of being in its rightful  
place - the desk. Careless I!

It seems to me that I wrote a  
card from Chico where I went just  
after receiving the pkg. Upon my  
return I was much hurried, left  
the following week and began  
school here the next week, and  
since have been very busy as I  
am reviewing, preparing for  
examinations in June. Am I  
pardoned? And will you remind  
my friend in Medford in your  
good opinion and not blame him  
any more <sup>for</sup> that - which he is not  
guilty of? And also excuse me  
for this lengthy explanation!

I am doing nothing in the  
fern study now. My reviews out  
of school take up all of my spare  
time. I have nothing new to send  
you or to write of, so what can  
I say to interest you?

Now ask me in your last



California cucumber. Lift up the vine  
and you will see what find that  
mass of leaves is hiding, covered  
with prickles, and measures eight  
inches in circumference. See what enormous  
seeds, we will dry them, and only seven in the  
four rooms, I wonder where the other went to.

We will drive into the next opening between  
the hills - Here it is, and there is the  
gate guiding us up to the house between  
lines of rocks and serving what. We won't

stop now, but when we come back Mrs. Nuts  
will give us some of those lovely buds from her  
tea roses, and that charming cloth of gold. Oh how  
delicious this water is, right from Samuels' spring,  
probably, we will keep on this good road, for there  
are a good many tangles down there for light  
rambles and few are the ferns. See the rocks  
covered with moss and piled down there, and  
oh the *Adiantums* and pretty *Podiums* up here.  
The road winds around the hill and as the  
ravine narrows the ferns are more plentiful of  
any thing. We will rest here by this old tree.  
Look only this bank are those not Woodwardia on  
the stream, and see the young redwoods, the fragrance  
is delightful. We could turn a stone to the other  
side of the ravine, but it would be a rough walk  
to get there, we have found seven or <sup>ten</sup> ferns  
beside this. We won't go home till dark and  
then we can see the lights at Point Bonita  
at the entrance of the Golden Gate and possibly  
at the Presidio. Here I will leave you with  
to the breakers on the distant beach, filling

your lungs with this delicious air freighted with its many odors  
and feasting your eyes on the beauty of the park. I want to see you  
again. I am so glad to hear of your coming. I am so glad to hear of your coming.  
Try them nicely as they are so  
fluffy. nearly every one have  
dried dark in the drying.  
If you would like a root of  
*Adiantum emarginatum*, St. Cal  
mogami. I append a  
few of the common ferns growing  
here. Let me know, and I will be  
happy to gather you some in my  
rides near the beach. I have not  
seen any *Chilanthus* in this county,  
but have not been in rocky places  
in the hills proper, excepting, ravine  
and they seek now sunny homes.  
Is not this *Calochortus*  
lovely? They grow on the mesa  
where they get the ocean breeze,  
and it is the only one of the  
family growing here that I  
know of. I wish you could  
see the hills now before this  
northerly wind drives everything  
up, and covers what won't dry  
with the loose dirt that can be  
spared from the roads. You can

judge of the season when I tell  
you that the hay on this ranch  
was cut and put in the barn  
over a week ago.

You speak of your health not  
being good in Feb. How is it  
now? I can see that you are  
depressed. Don't let worldly  
cares and troubles dim the  
brightness of life. Leave it all  
with the closing of the store door  
and only take up the burden  
when behind the desk.

Each day visit some shady  
nook in fancy if unable to  
go in reality. Come with me now  
it is only three miles. This buggy  
is quite comfortable and we will  
take the bay road and enjoy  
the view out on the ocean. That  
line of sand over there a couple  
of miles away broken now and

then with hillocks topped with  
green is known as the sand beach.  
So not that spray beautiful as  
it comes up over the rocks at the  
forties end when the willows are?

When we a little nearer we could  
see a tent and three flags, for there  
are some campers out there enjoying  
themselves. Last night I was over there  
(it is six miles) and saw six children  
in the sand. Look the bay beautiful  
now, for the tide is in and the  
mud flats (the terror of inexperienced  
boatmen) not to be seen. If it was  
clear on the ocean we could see  
the Farallones. Look to the left  
now. See those *Pteris aspidium*  
and in them among the poison oak  
are plenty of *Adiantums*. That  
vine is new is it? yes it is the  
*Yerba Buena*, isn't it fragrant.  
That mass up there is the

I send with this some <sup>2-9<sup>th</sup> to 1880</sup> ferns from rocks overlooking the sea some fifteen hundred feet above it, same as I sent you roots of not long ago. The first roots I think the first pkg. was from Oregon, Lin. Co. The Polypodium I mean, and I marked them Oregon. The other Poly's came from rocks in Marin Co just over the divide on the road to San Rafael.

Is there any thing I can do for you in San Francisco. Am going down in a few weeks. E. O. P. Please send me names of the three ferns col. by J. Muir that I send on pkg. by oblige. E. O. P. Forget me. roots are in bloom.

Geo. F. Davenport  
8 Hamilton Place  
Boston  
Mass

WRITE THE ADDRESS ON THIS SIDE - THE MESSAGE ON THE OTHER



with a lot of bark a foot long  
some of the pine you speak of  
is called here the "yellow pine"  
by the lumbermen, and is one  
years growth. I think it is the  
*Pinus ponderosa*.

I have some *Astragalus* that I  
gathered at Brownsville in July  
from my curious fernery. It grows  
close by them in a ravine alive.  
I will send you some in a few  
days. I have some rambling  
here, as it takes all the strength  
I can spare to get to and from  
my school. It has had very  
warm weather during July, as  
well as in August, and I have  
not been very well. But as soon  
as it gets cool I think I will  
be in my usual health, and  
if my school only closed early  
enough should think seriously  
of coming East. but the term

August 15<sup>th</sup> 1882

My dear friend,

Were you  
amazed at the receipt of  
that bundle I mailed  
last week? That is  
a medium sized soap  
root. I had another  
friend had dug for  
me, that was nineteen  
inches around and  
the stalk was ten feet  
long. The flowers open  
about four o'clock or  
later - bursting open in  
a similar way to the

pruned oaks, from two to  
<sup>at a time</sup> seven, (seven being the  
greatest number I have  
seen in bloom at a time)  
and I never have seen any  
in bloom in the morning.

They begin closing  
before ten o'clock. The  
next night another  
set of flowers open. They  
are very delicate, but the  
plant is not desirable  
where flowering is to be done.

I want you to try its soap  
properties by taking one or  
two of the scales or layers from  
the oak from which the hair (Cuscuta  
hair, as it is called, used in making  
mattresses), is removed and bruise  
it in water. Rub it just as if  
you were trying to wash away

and when the outer skin is  
broken open will find it  
makes a beautiful lather.

I sent you one stick  
from a mangonita in its  
natural state thinking you  
might like to invent a use for  
a knife. The shrubs in the  
woods are of just that  
color before the bark begins  
peeling, and as the bark  
rolls up the inner is seen of a  
greyish, greenish hue but the  
green seen when it is the same  
as you see it and so it  
remains till it is cast aside  
for the new suit. The mangrove  
and mangonita have both  
been getting more common in  
the last month, and the  
ground is covered in spots



will not be before then.  
and then it may be too late.  
and if we have an early winter  
I should not want to come to  
your frozen climate so late.  
I sent an order to the P. & O. when  
my mail comes for any registers  
to be sent to me, that  
should come. I do not take  
either the Gazette or Bulletin  
and accept with thanks your kind  
offer of your spare numbers

My forget-me-nots are still  
living and always speak of  
my Boston friends when I come  
near them. When at Strawberry  
took some there, and now this  
year I brought a root here, so  
that in three places in this county  
there are growing your lovely flowers.

2. I drew off the Bolinas slips.  
Your little poem was read once the  
second settling-out of some here, as  
the bird was growing finely and

had been in bloom all the  
time. I hope you will  
come. I cannot realize the  
flight of time either. How much  
more swiftly the years pass often  
and has reached one or two  
of the milestones on life's highway.  
I then I look at some of those  
who were little ones when I first  
taught in California, and who  
now have become and a "little one"  
of their own perhaps. I then realize  
that I am not as young as I was  
ten years ago. The grey hairs are  
increasing each year, and soon  
I shall be a bent, grey headed  
rheumatic old woman. When such  
an one appears before you saying  
"I am from the Sierras, you will  
at once recognize me" I am sure,  
will you not? Yours Sincerely

E. D. Patton.  
Aug. 20th, finished at home.  
"but" began at the school house.

if you wish to look, in the heavy yard which has a great deal of shaded and damp ground. On the very northern wharf of it, I think to the N. in the midst of a great many beams or logs and partly under them I remember a rather large fern, last year; I have not looked for it. I think you could find it in a few minutes if you wished. I believe there was quite a large clump of it.

I will end this letter as I began my other which was mis-sent, by saying that I intended to answer your letter sooner but was prevented by an accident to my eye which was so sore in consequence that I felt obliged to rest it for a couple of days. If I can answer any further inquiries you may wish to make at any time, I shall take pleasure in doing so.

Yours very truly

Chas. E. Perkins.

3 Providence Ave., Somerville.

Somerville, Oct. 18th/88.

Dear Sir,

I am very much obliged to you for so promptly returning the letter which I thought I had sent to my sister in Connecticut. She must have received the one I wrote to you at the same time, but instead of waiting to receive it I will try to reproduce the substance of it here. I am not well enough acquainted with some of the ferns to answer your inquiries satisfactorily, especially with some of the genus *Aspidium* and I am sorry to say that while I know the greater part of our fern *Asplenium Filix-foemina* is among those about which I am uncertain. I do not know the ferns thoroughly in this vicinity though I have many specimens collected, and labelled with the locality, date, &c. which I intended to study when I had a favorable time. As to the ~~at~~ ferns you ask about though as I said above I can not speak accurately without some study of my plants, yet I think they ~~some~~ or ~~not~~ <sup>of</sup> them grow nearer than Glenwood or Everett, as Dolly Swamp in Somerville, the Boston & Lowell R.R. near Win-

ter Hill Station, the Fresh Pond Meadows (though these perhaps are not nearer than Everett), and the rocky hill at the W. side of the Somerville boundary near the old turnpike (Myrtle Ave.), have various ferns. I have specimens from these localities. I am sorry I cannot give you better information yet. I have a number of specimens of fronds from the prison wall which I hope to hunt up in a few days and send to you. Two of them were particularly puzzling to me when I gathered them more than a year ago.

As to the pubescent fern you spoke of, I think it may have been one that took on the pubescence on account of the low temperature of the place which used to be half surrounded with water. I have had very striking examples in my garret of smooth or nearly smooth garden plants taken in for protection in the autumn, which took on gradually a thick coating of long hair. Several different species did so. I do not know whether ferns were ever cultivated. In answer to your inquiry about the plants growing in the yard, I will say that I have seen nothing remarkable there the last two seasons, and that the original soil, which might have had interesting plants has been covered with a deep layer of soil

and rubbish for a large part of its extent. I think the building is to be torn down; it was intended to be, I am sure, and if you care to you might secure living roots of any doubtful or depuperate form, and grow them this year in good earth to develop their character more plainly. I think you may find better results if you should take a basket or some other convenient thing and gather the fertile and withered fronds of some of the ferns which a few minutes' immersion in a pail of warm water would restore to good shape for pressing though still wanting in color. I have done so often with withered ferns and am surprised that I have not seen the practice recommended.

I have noticed ferns growing in so many R.R. bridges (some near Boston) that I was not so much surprised at seeing them on the prison, and think you may find some other stone buildings near Boston or in it next season with things to interest you. The sides of some ice-houses have ferns and many other plants growing in the cracks between the boards. A striking example is the ice house on the W. side of Spy Pond on the branch of the F.R.R. And very possibly you can find several species of ferns

University of Vermont.

Burlington, Vt., December 23 1873

My dear Sir

Your letter inquiring  
about *Crepidulus spinulosus* Sw. is before  
me. In reply I may say that I can get a  
plenty of what I have always called by the  
above name & which answers the description.  
I may be in error in regard to it. I have now  
no specimens that I can send but can send lots  
of it next season if it is what you want. It  
is now several years since I have paid any very  
close attention to Ferns, except to cultivate them,  
& I am rather rusty upon the subject. I have not  
Swartz's description to refer to & so can not be  
sure that I have ever found the true *spinulosus*.

as it may all be very intermediate, we have  
also the other varieties, *Bortii* & *dilatatum* here. My  
chief work is in Zoology, though I am greatly  
interested in Ferns & formerly spent some time in  
them. I shall be glad to help you if I can. I think  
I can get the *Batschian simplex* in the summer  
but am not sure of finding it. I have on hand  
no duplicates now but if you will write me  
in the summer when I can collect I shall be  
happy to be of service to you. I doubt much if  
*Asp. Sanctuense* be anything else than a form  
of *Asp. cristatum* as that varies somewhat &  
might approach a form like *Sanctuense* readily to  
think. I am sorry that I am at present  
unable to help you. I can get in abundance the  
following species which I would like to exchange for any not  
in my collection I have all that you have marked & most of the  
others marked - *Campylasom Phlogophllum*, *Pellaea gracilis*, *Aspid.*  
*Goldianum*, *Aspid.* *spirulacundus* 2 & 3, *Aspid.* *trigalunum* - *Aspid.*  
*Murana*.

Yours truly

G. N. Perkins.





*Chambers  
Studio*



17 DEXTER AVE.  
MONTGOMERY, ALA.

Hon. J. M. Peters

Montgomery, Ala.

Photo from portrait in State House  
Montgomery, Ala. 12 June 1896

Montton Ala

Decr 15. 1873.

My Dear Sir.

Yours of 28th ult is recd. It always affords me the greatest pleasure to be of use to Prof Gray or any of his friends.

I put in the mail with this a small parcel of *Trichomanes Petersii*, Gray & *T. radicans* Lütz. I have never found *OphioGLOSSUM nudicaule* in fruit here. Nor have I found *O. bulbosum* at all. I shall be away from home this winter, at Montgomery Ala, until March next. As yet *Asplenium myriophyllum* has not been found here. I have only heard of it in Florida. But I will come back to your requests next spring, & do what I can to aid you. Your friend,

Thos M. Peters

Geo E. Davenport

Boston, Mass.

P.S. Oh! I forgot to say—I am not a Dr only Lawyer,

Montgomery Ala.

Jan. 26. 1874.

My Dear Sir.

My wife sent me yours of  
24 Dec ult from Home, which  
reached me to day.

I am pleased that the seed  
sent before leaving Home pleased  
you. The *Ophioelasma* I mentioned  
is not *O. bulbosum*. The root  
is that of *O. Vulgare*, I think.  
I will however send you some  
living plants in the summer

and by Cultivation the truth  
of the matter, <sup>may come out</sup> I have two or  
three set out in my garden,  
which, if they live, may devel-  
ope fruit there.

I shall be here till the  
end of February 1874, when  
I will return Home. and will  
write you again from there,  
and advise you what Herms I  
would like to have

In future I will  
avoid offending against  
the Post Office Laws and  
Regulations. I believe, before

the Rebellion, I consulted the  
P.O. Department about send-  
ing Botanical Specimens by  
the mail, & I some how  
though I learned that they  
might be sent with Labels.  
I think I have sent 1000s in  
that way. But some times,  
as we grow older we get  
wiser. The Department per-  
mits bulbs & seeds & shrubs  
to be sent in that way with  
names in full. Yr friend

Thos M. Peters

Geo E. Davenport.  
Boston Mass.

Moulton Ala

March 12, 1874.

My Dear Sir,

I returned Home, after two months absence, on the 6th inst, and very acceptable packages of new & handsome Ferns with your letter of 2nd March 1874 met me there. They afforded me very great pleasure.

I am getting a little old & much too worn in the duties of my office (Judge of Sup. Court of Ala.); but I am spared in health & leisure during the summer & fall, I will endeavor



to collect and send to you  
a full suit of all the Ferns  
known to me in North Ala.  
I will also send you a living  
plant (or rather several,) of  
*Ophioglossum vulgatum*? L.,  
in May next. Or any other  
living Ferns or other plants  
you may wish, or any thing  
else here within my reach,  
that may be desirable  
to you.

Very truly your friend  
Thos M. Peters

Geo E. Davenport  
Boston  
Mass

Moulton Ala

Oct 9, 1876.

My dear Sir

Yours of the 25<sup>th</sup> Aug<sup>st</sup> ult reached me on Saturday last, the 7<sup>th</sup> inst. I reply by mailing with this a package of *Asplenium ebeneum* var *minus*, Hooker. And with it I send also a small supply of *S. Petersii*, Gray and *S. Richardsoni*, Schwart., & *S. pennatifidum* Nutt. which I hope will reach you safely.

I have no *Chelanthus Alabamensis* — I have never been able to find it in this part of this State. I have not had time to search for it on the Tennessee River where it is said to grow — If I find it I will remember you.  
Very truly

Thos M. Peters

Geo E. Davenport  
Boston Mass.